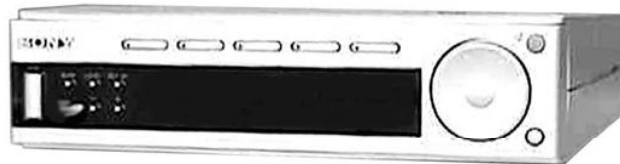


TA-VE215


SERVICE MANUAL

*AEP Model
UK Model
E Model
Australian Model
Chinese Model*



- This set is the Amplifier section in HT-K215.

This amplifier incorporates Dolby* Digital and Pro Logic Surround and the DTS** Digital Surround System.

** Manufactured under license from Dolby Laboratories.
"Dolby", "AC-3", "Pro Logic" and the double-D symbol  are trademarks of Dolby Laboratories.*

SPECIFICATIONS

Amplifier section

POWER OUTPUT

Rated Power Output at Stereo mode

(8 ohms 1 kHz, THD
0.7%)
25 W + 25 W

Reference Power Output

(8 ohms 1 kHz, THD
0.7%)
Front: 25 W + 25 W
Center: 25 W
Rear: 25 W + 25 W

Frequency response

DVD, TV, VIDEO, AUX:
20 Hz - 20 kHz + 0.5/
-2 dB

Inputs (Analog)

5.1CH/SAT, TV, VIDEO:
Sensitivity: 250 mV
Impedance: 50
kilohms
S/N^{a)}: 96 dB (A, 250
mV^{b)})

Inputs (Digital)

DVD, AUX (optical):
Sensitivity: -
Impedance: -
S/N: 100 dB (A, 20
kHz LPF)

Outputs

SUB WOOFER:
Voltage: 2 V
Impedance: 1
kilohms

General

Power requirements

220-230 V AC, 50/60 Hz

Power consumption

120 W

Dimensions

296.5 215 60 mm
including projecting
parts and controls

Mass (Approx.)

4.2 kg

HOME THEATER SYSTEM

SONY®

TABLE OF CONTENTS

1. GENERAL	3
2. TEST MODE	4
3. DIAGRAMS	5
3-1. Circuit Boards Location	5
3-2. Block Diagram	
– MAIN Section –	6
– POWER Section –	7
3-3. Printed Wiring Boards – DIGITAL Section –	8
3-4. Schematic Diagram – DIGITAL Section (1/2) –	9
3-5. Schematic Diagram – DIGITAL Section (2/2) –	10
3-6. Printed Wiring Boards	
– OPTICAL / SIGNAL BRIDGE Section –	11
3-7. Schematic Diagram	
– SIGNAL BRIDGE Section –	11
3-8. Schematic Diagram – DISPLAY Section –	12
3-9. Printed Wiring Boards – DISPLAY Section –	13
3-10. Printed Wiring Boards – MAIN Section –	14
3-11. Schematic Diagram – MAIN Section (1/2) –	15
3-12. Schematic Diagram – MAIN Section (2/2) –	16
3-13. Printed Wiring Boards – POWER Section –	17
3-14. IC Pin Function Description	18
3-15. IC Block Diagrams	19
4. EXPLODED VIEWS	20
5. ELECTRICAL PARTS LIST	22

- Grounding connection at the two points between the MAIN board and the chassis is necessary while the main power to the MAIN board is turned on.
- Jig is used to inspect the DIGITAL board.
 1. Between the DIGITAL board CNS807 and OPTICAL board CNP807
8 P/L=300 (A-2501-2060A)
 2. Between the DIGITAL board CNS808 and SIGNAL BRIDGE board CNS808
18 P/L=300 (A-2501-207-A)

Flexible Circuit Board Repairing

- Keep the temperature of soldering iron around 270°C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

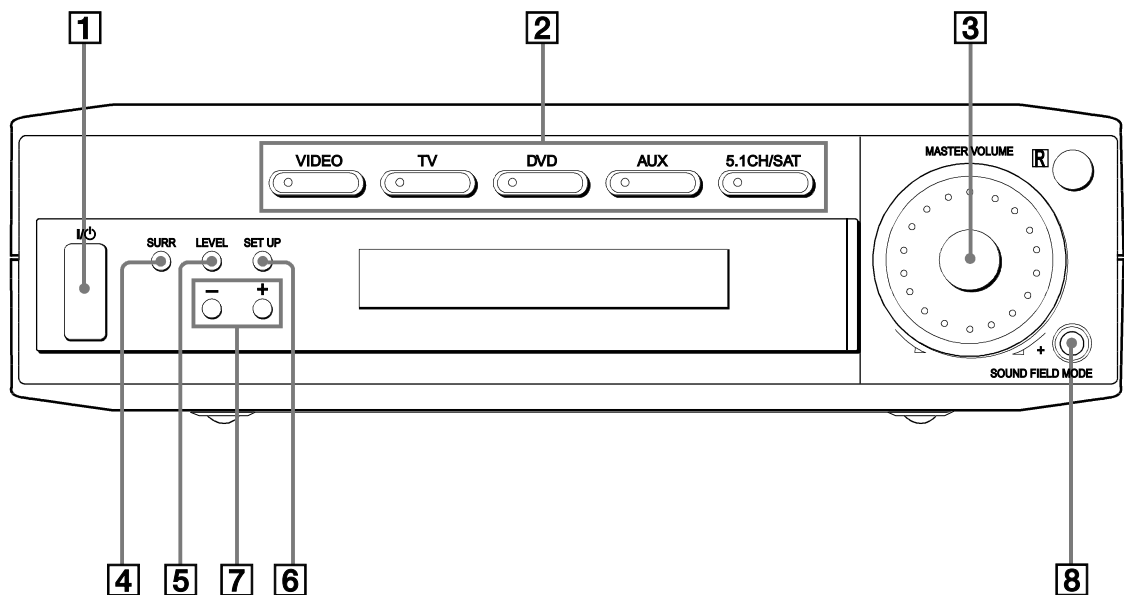
与安全有关的零部件须知

在原理图上用阴影及 \triangle 标记来识别的零部件在安全操作上是具有关键性的。这些零部件要用本手册中所示的部件号对应的索尼零部件进行更换。

在安全操作上具有关键性的电路调整与索尼公司出版的维修手册完全一致。在更换关键零部件时或怀疑动作失常时，请进行这些调整操作。

SECTION 1
GENERAL

This section is extracted from instruction manual.



1 I/⏻ switch

Press to turn the amplifier on and off.

2 Function buttons

Press one of the buttons to select the component you want to use.

To select	Press
VCR	VIDEO
TV	TV
DVD player	DVD
An audio component	AUX
DVD through AC-3 decoder	5.1 CH/SAT

After selecting the component, turn on the component you selected and play the program source.

- After selecting VCR or DVD player, turn on the TV and set the TV's video input to match the component you selected.

3 MASTER VOLUME control

After turning on the component you selected, rotate to adjust the volume.

4 SURR button

Press repeatedly to activate the surround parameters (page 29) and to adjust the various surround parameters (effect level, wall type, etc.). You can then make various settings using the +/- buttons (7).

5 LEVEL button

Press repeatedly to activate the speaker level parameters (page 30) and to adjust the various speaker level parameters (front balance, rear balance, etc.). You can then make various settings using the +/- buttons (7).

6 SET UP button

Press repeatedly to activate the setup mode and to select any of the following indications. You can then make various settings using the +/- buttons (7).

When you select	You can
Speaker type	Specify the type of speakers. (page 15)
Speaker setup	Specify the front, center, rear speaker sizes, the rear speaker position, and whether or not you are using a sub woofer. (page 15)
Speaker Distance	Specify the front, center, and rear speaker distances. (page 17)

7 +/- buttons

Press to adjust the selected speaker level and surround parameters (etc.).

8 SOUND FIELD MODE

Press repeatedly to activate the sound field selection mode and to select the sound field you want (page 24).

SECTION 2 TEST MODE

SOFTWARE VERSION DISPLAY MODE

* The software version is displayed.

* Procedure:

While depressing the **5.1CH/SAT** and the **VIDEO** buttons simultaneously, press the power **I/O** button to turn on the main power. The destination and the software version are displayed.

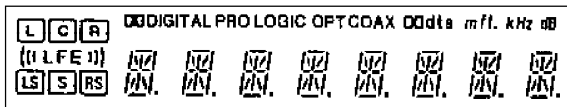
FLUORESCENT INDICATOR TUBE TEST MODE

* All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.

* Procedure:

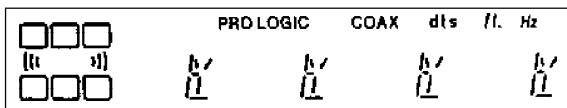
While depressing the **5.1CH/SAT** and the **+** buttons simultaneously, press the power **I/O** button to turn on the main power.

1. All segments turn on.



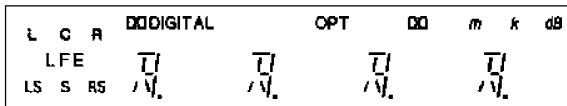
TV and **AUX** LED turn on.

2. Press the **VIDEO** button, confirm display



VIDEO and **DVD** LED turn on.

3. Press the **VIDEO** button, confirm display



5.1CH/SAT LED turn on.

4. Press the **VIDEO** button, All segments turn off.

5. Every pressing of the **VIDEO** button turns on each segment one after another in the same order.

(Not only the **VIDEO** button, but also the other buttons such as **TV**, **DVD**, **AUX** and **5.1CH/SAT** can be used.)

ALL CLEAR MODE

* All preset contents are cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

* Procedure:

While depressing the **SET UP** button simultaneously, press the power **I/O** button to turn on the main power. Alternatively, press **I/O** more than 4S. The message "ALL CLEAR" appears and initialization is performed.

SURROUND CLEAR MODE

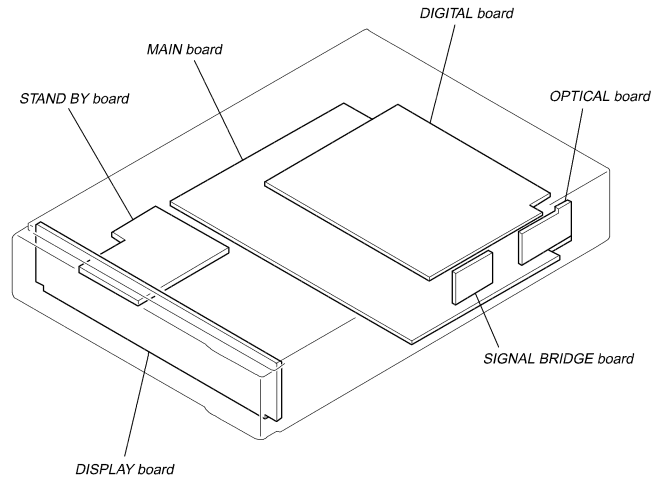
* The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

* Procedure:

While depressing the **SOUND FIELD MODE** button, press the power **I/O** button to turn on the main power. The message "SUR CLR" appears and initialization is performed.

SECTION 3 DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

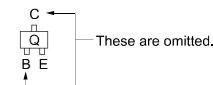
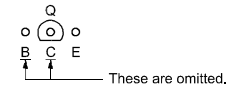
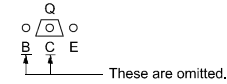
Note on Printed Wiring Board:

- : parts extracted from the component side.
- △ : internal component.
- ▨ : Pattern from the side which enables seeing.

Caution:

Pattern face side: Parts on the pattern face side seen from the pattern face are indicated.
(Side B)
Parts face side: Parts on the parts face side seen from the parts face are indicated.
(Side A)

• Indication of transistor.



Note on Schematic Diagram:

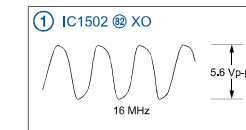
- All capacitors are in μF unless otherwise noted. pF : μF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.
- △ : internal component.
- ▨ : nonflammable resistor.
- ▨ : fusible resistor.
- ▨ : panel designation.

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

以阴影和 △ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。

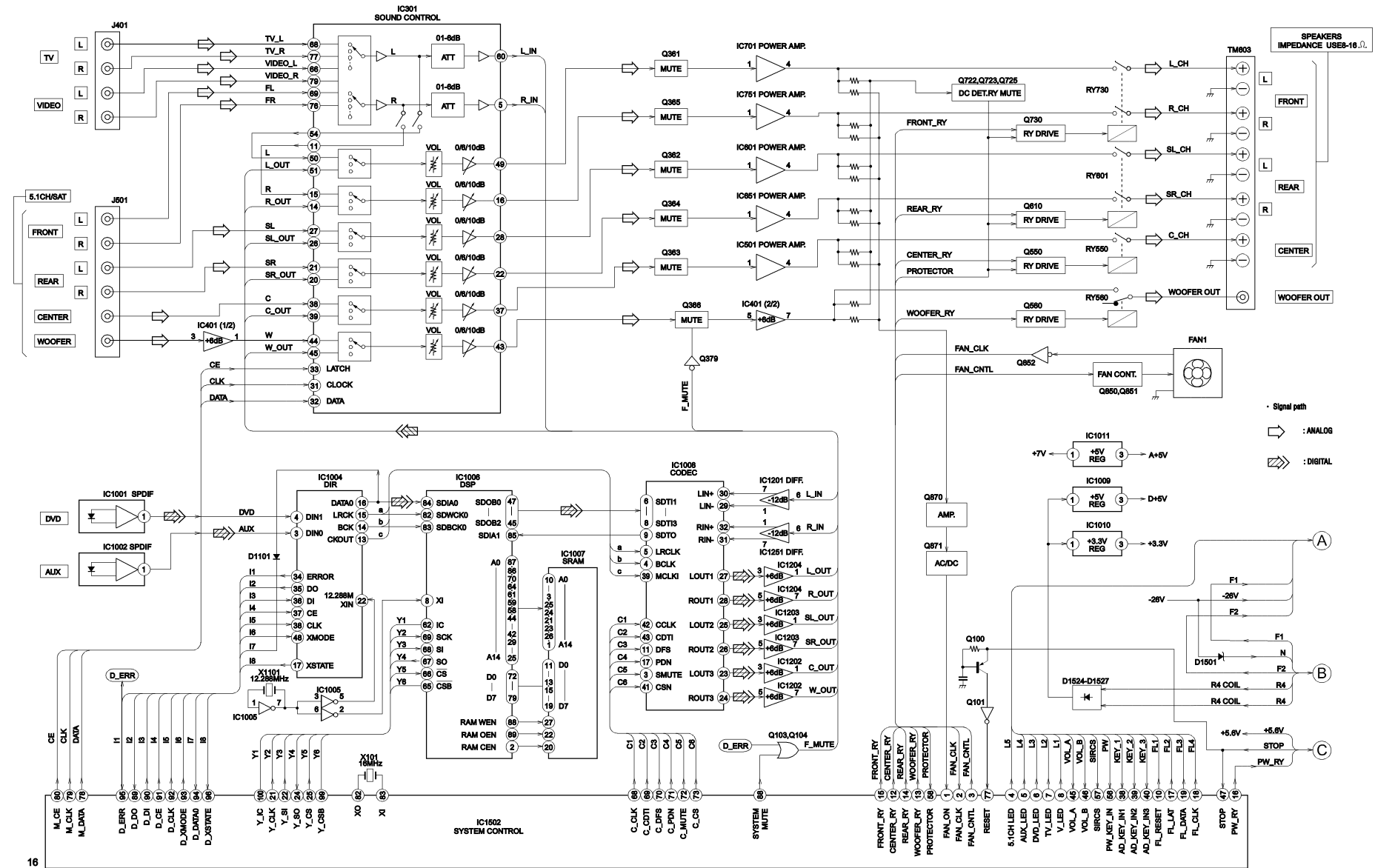
- ▨ : B+ Line.
- ▨ : B- Line.
- ▨ : adjustment for repair.
- Voltagess are taken with a VOM (input impedance 10 $\text{M}\Omega$). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
- : ANALOG
- : DIGITAL

• Waveform

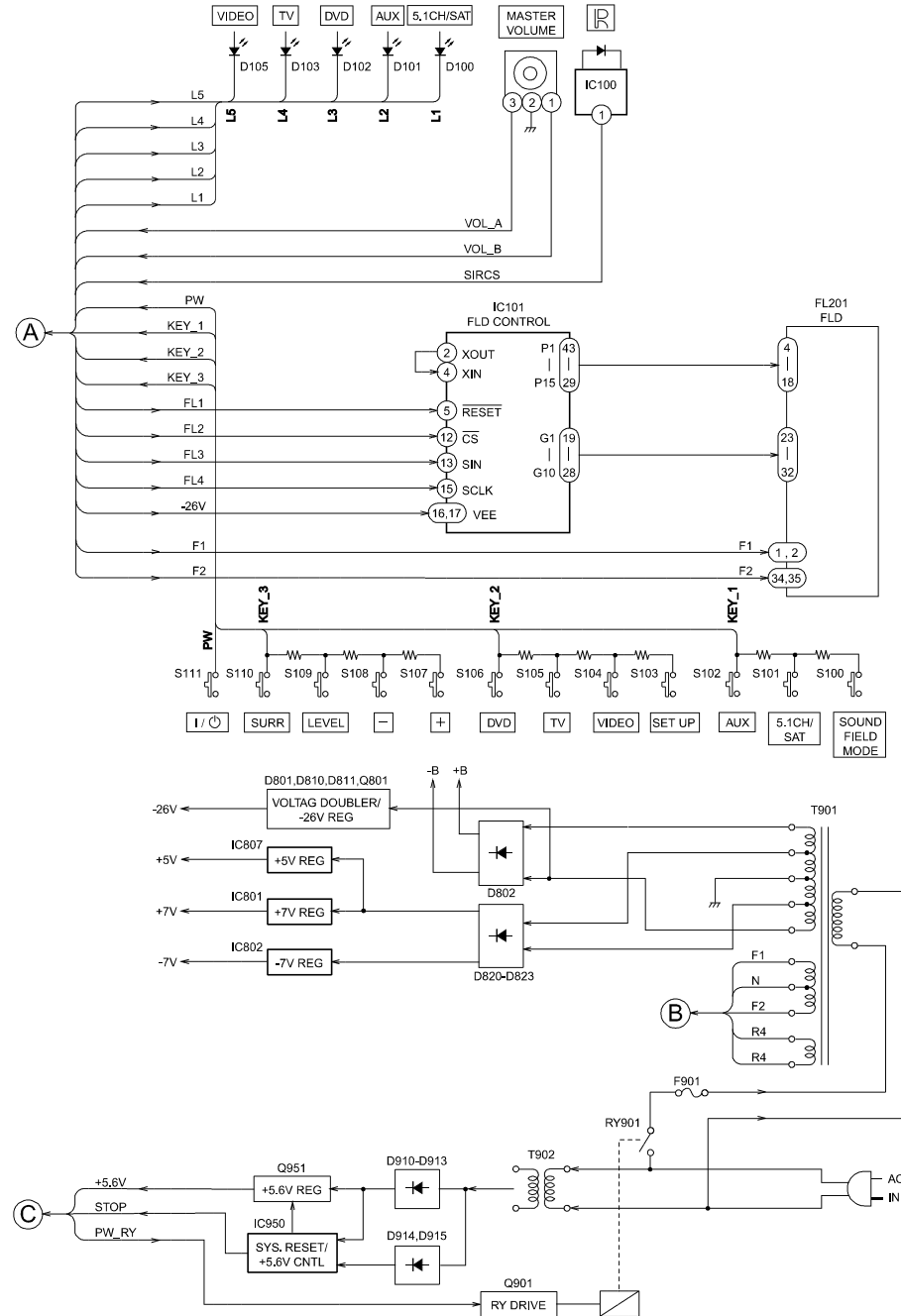


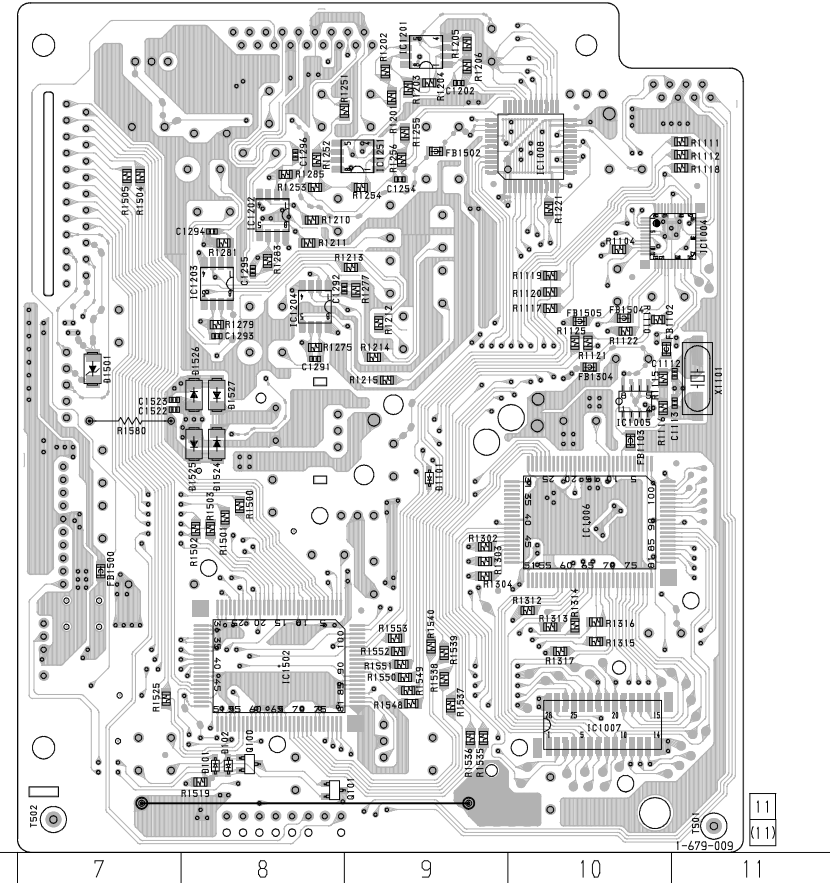
TA-VE215

3-2. BLOCK DIAGRAM — MAIN SECTION —



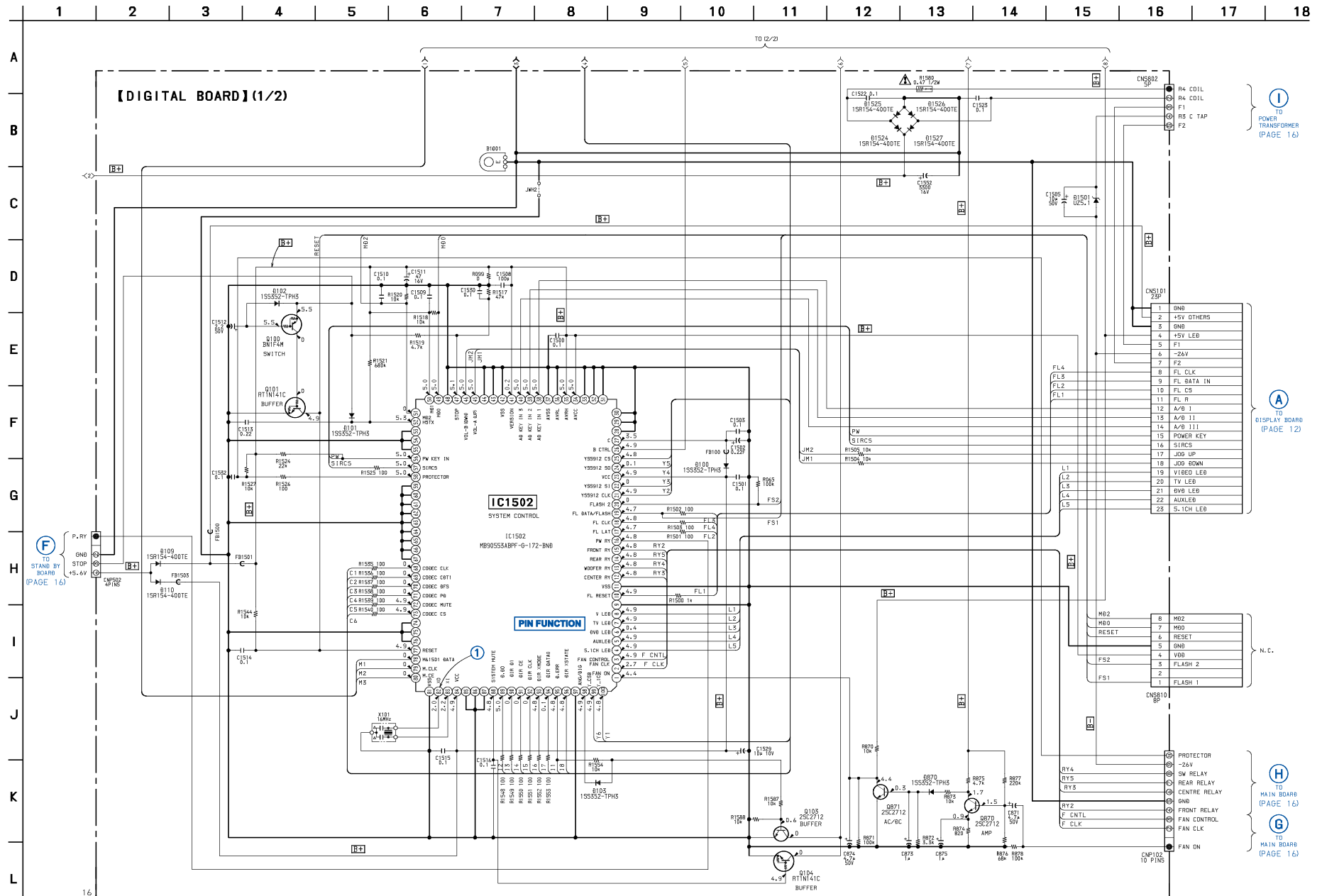
— POWER SECTION —





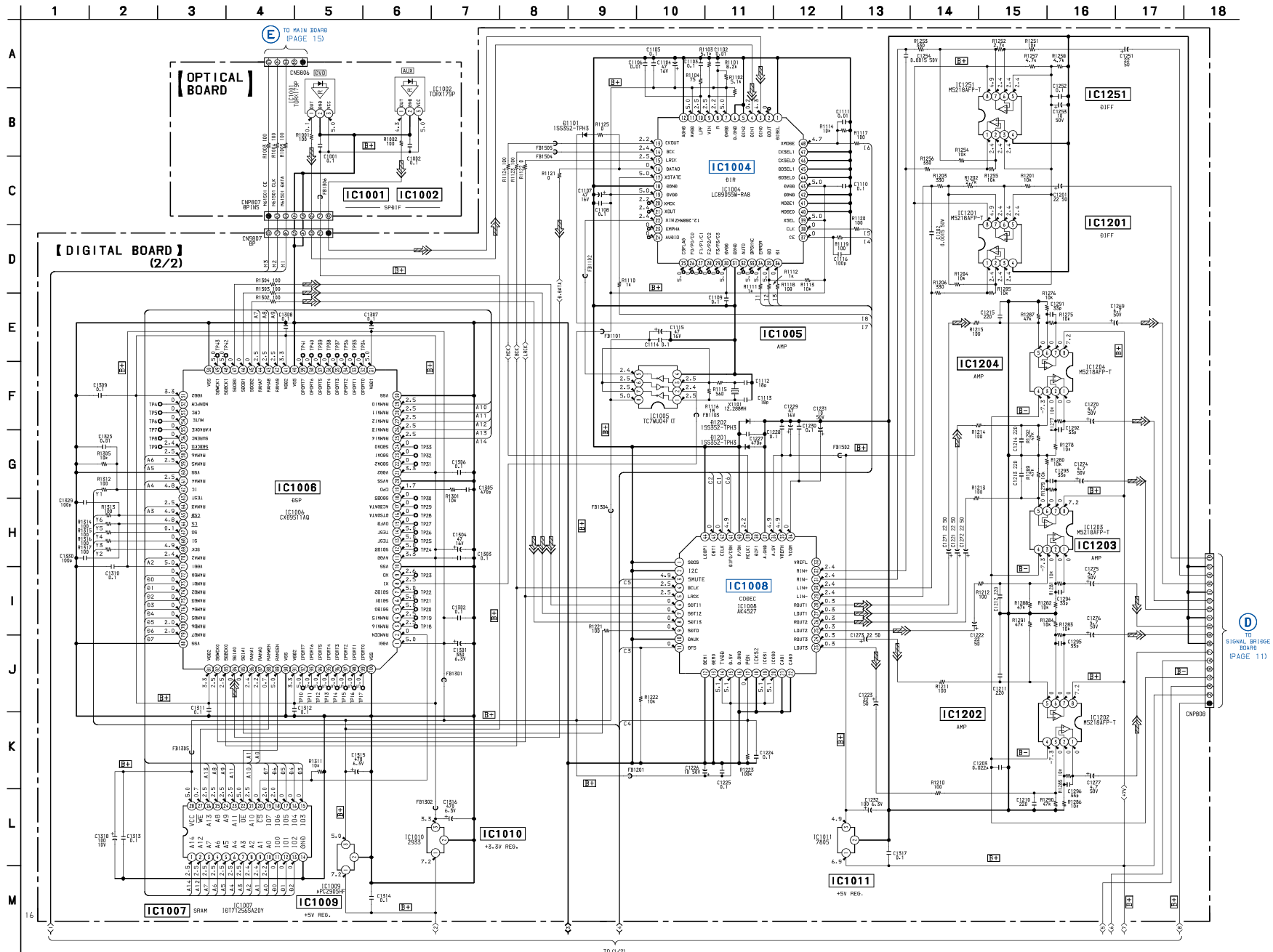
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D100	E-4	D1501	D-7	IC1008	B-10	Q100	F-8
D101	F-8	D1524	D-8	IC1009	D-3	Q101	F-8
D102	F-8	D1525	D-8	IC1010	D-3	Q103	F-4
D103	E-4	D1526	D-8	IC1011	B-4	Q104	E-4
D109	E-5	D1527	D-8	IC1201	B-9	Q870	D-4
D110	E-5			IC1202	C-8	Q871	D-3
D870	D-4	IC1004	C-11	IC1203	C-8		
D1101	D-9	IC1005	D-10	IC1204	C-8		
D1201	B-2	IC1006	D-10	IC1251	B-9		
D1202	B-2	IC1007	F-10	IC1502	E-8		

3-4. SCHEMATIC DIAGRAM — DIGITAL SECTION (1/2) — • See page 5 for Waveform. • See page 18 for IC Pin Function.



The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

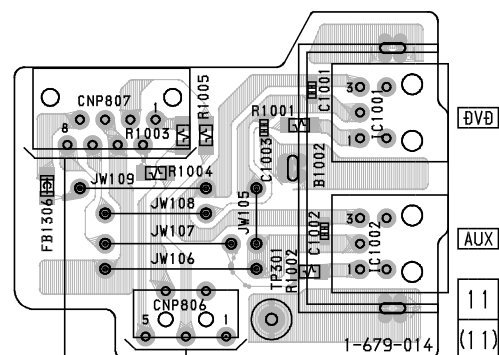
以阴影和 Δ 标志来识别的零部件, 在安全方面具有关键性, 因此只能以规定号码的零部件来更换。



3-6. PRINTED WIRING BOARD — OPTICAL/SIGNAL BRIDGE SECTION —

• See page 5 for Circuit Board Location.

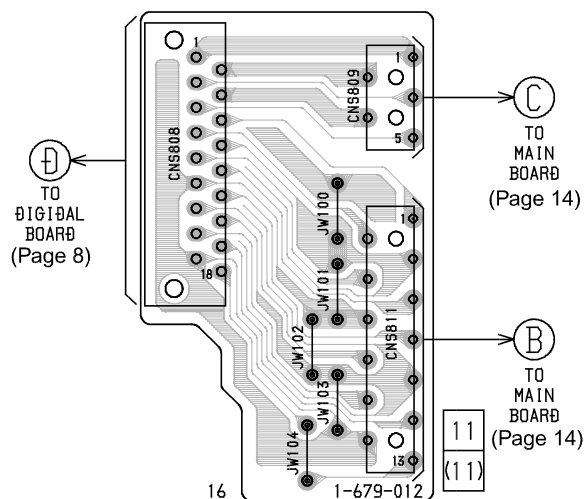
【OPTICAL BOARD】



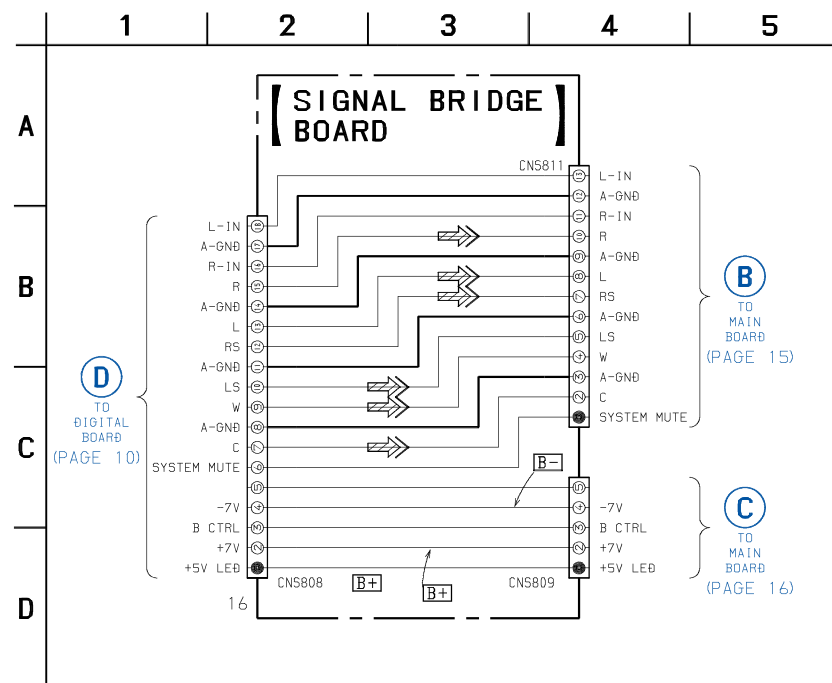
(K)
TO DIGITAL
BOARD
(Page 8)

(E)
TO MAIN
BOARD
(Page 14)

【SIGNAL BRIDGE BOARD】

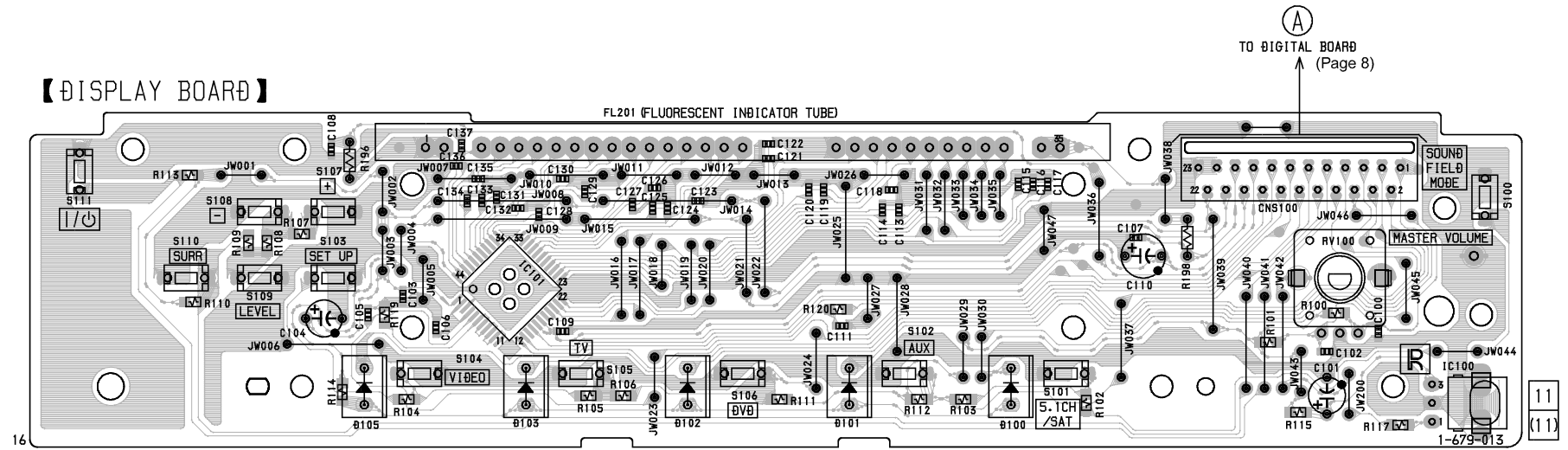


3-7. SCHEMATIC DIAGRAM — SIGNAL BRIDGE SECTION —



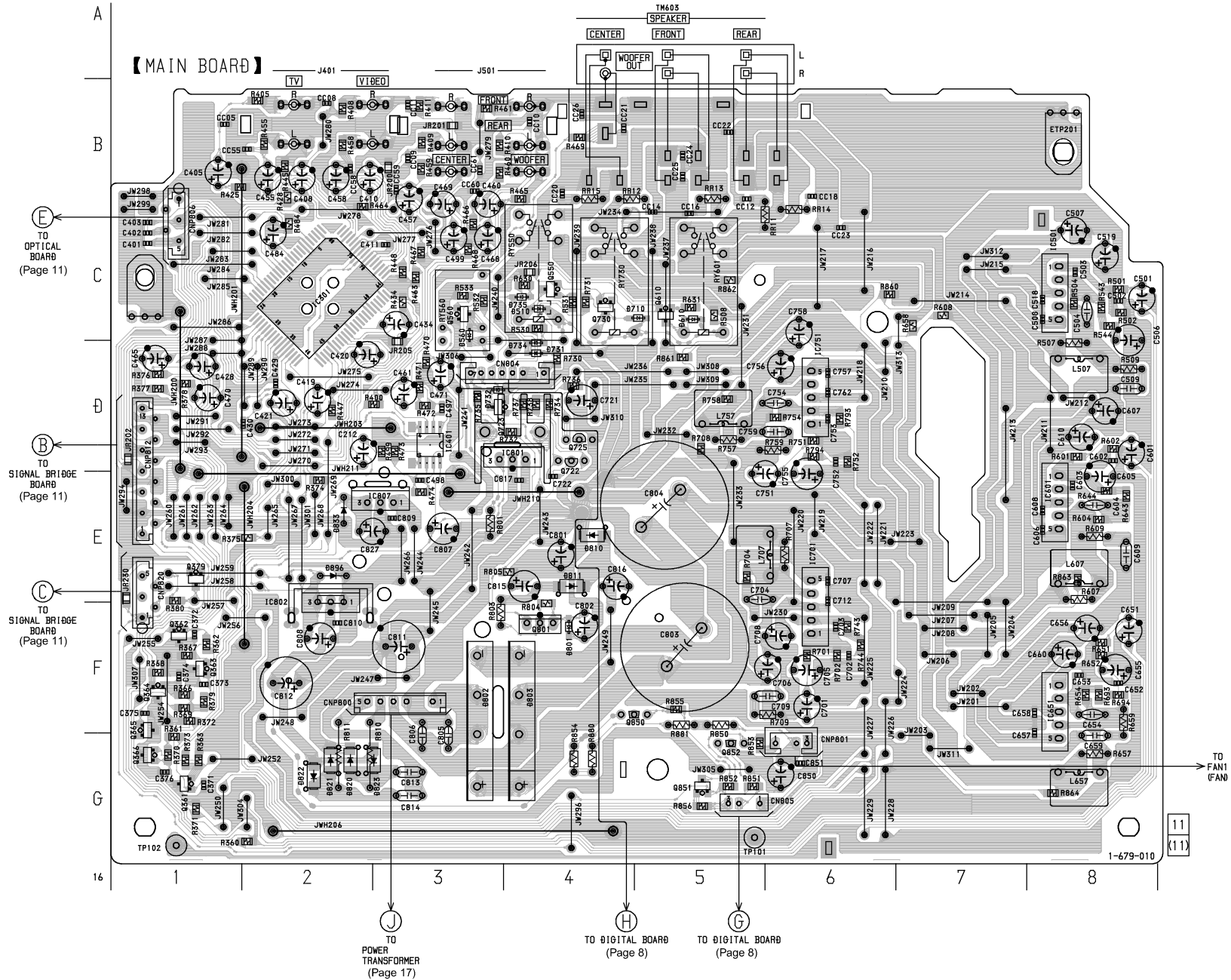


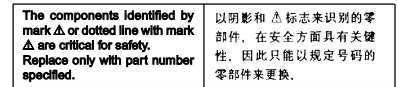
3-9. PRINTED WIRING BOARD — DISPLAY SECTION — • See page 5 for Circuit Board Location.

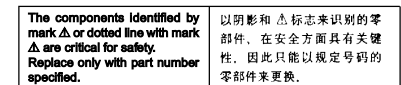


• Semiconductor Location

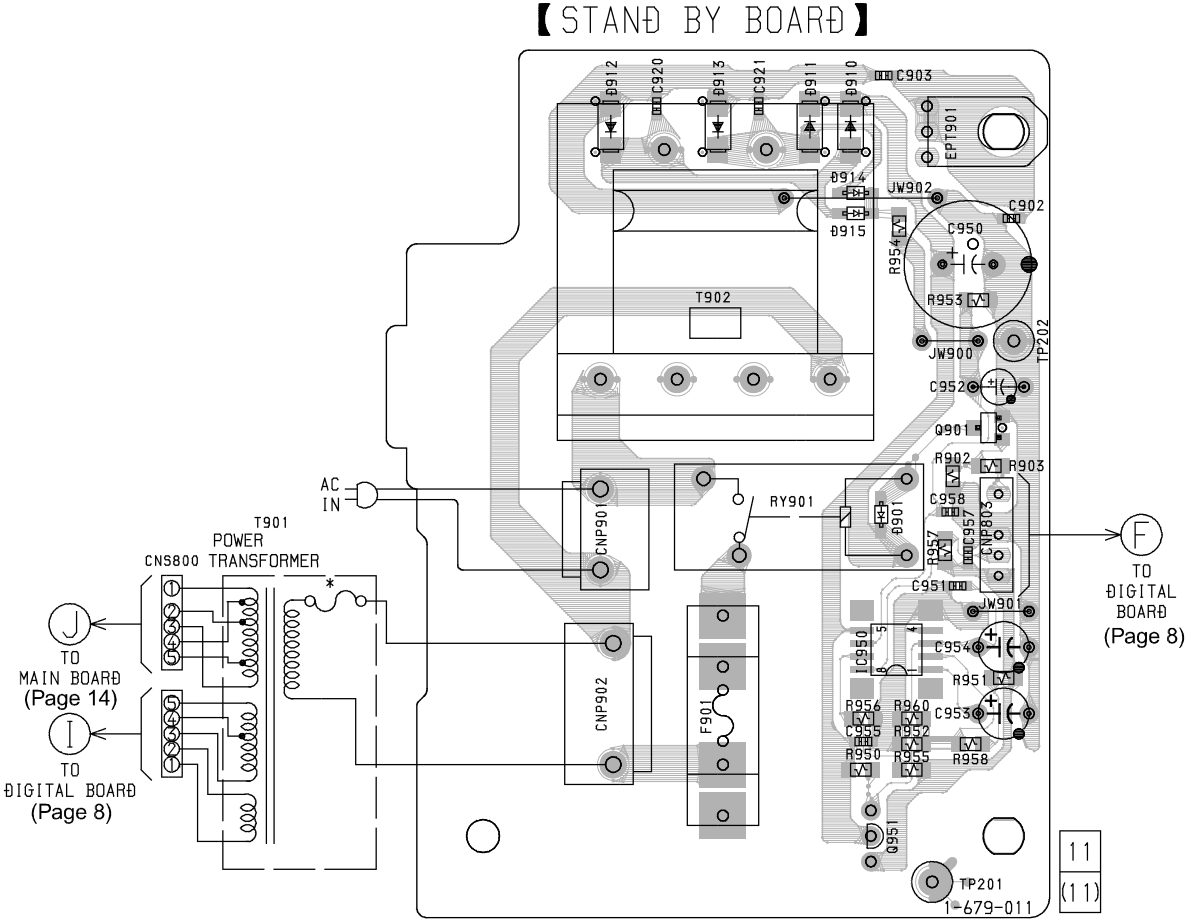
Ref. No.	Location
D510	C-4
D580	C-3
D610	C-5
D710	C-6
D731	D-4
D732	D-3
D734	C-2
D735	C-4
D801	F-4
D802	F-4
D810	F-4
D811	F-4
D820	G-2
D821	G-2
D822	G-2
D823	G-2
D833	F-2
D896	F-2
IC301	C-2
IC401	D-3
IC501	C-6
IC601	D-6
IC651	F-6
IC701	F-6
IC751	D-6
IC801	D-4
IC802	F-2
IC807	F-3
Q361	G-1
Q362	G-1
Q363	F-1
Q364	F-1
Q365	G-1
Q366	G-1







3-13. PRINTED WIRING BOARD — POWER SECTION — • See page 5 for Circuit Board Location.



3-14. IC PIN FUNCTION DESCRIPTION

DIGITAL BOARD IC1502 MB90553ABPF-G-172-BND (SYSTEM CONTROL)

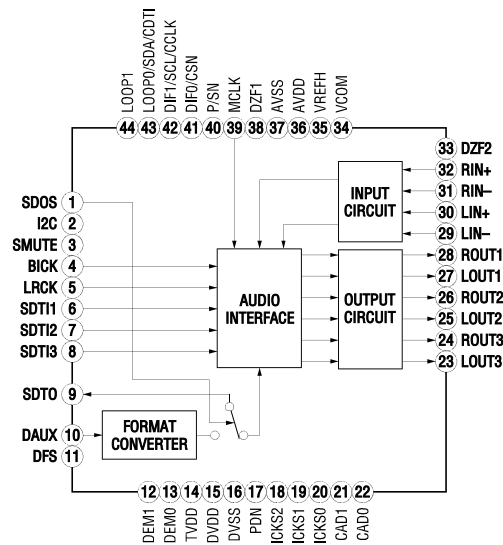
Pin No.	Terminal	I/O	Description
1	Fan signal on	I	Detect input signal. Low :Source in, High: No source
2	Fan clock	I	Checking returning clock pulse from fan.
3	Fan control	O	Turn on(Low) or Turn off(High) fan
4	5.1ch LED	O	5.1CH LED ON (Low) or OFF (High)
5	AUX LED	O	AUX LED ON (Low) or OFF(High)
6	DVD LED	O	DVD LED ON (Low) or OFF(High)
7	TV LED	O	TV LED ON (Low) or OFF (High)
8	VIDEO LED	O	VIDEO LED ON (Low) or OFF(High)
9	GND	—	Not Used
10	FL Reset	O	FL IC reset control
11	VSS	—	Ground
12	Center Relay	O	Center relay ON(High), OFF(Low)
13	Woofer Relay	O	Woofer relay ON(High), OFF(Low)
14	Rear Relay	O	Rear Relay ON (High), OFF(Low)
15	Front Relay	O	Front Relay ON(High), OFF(Low)
16	Power Relay	O	Power Relay ON(High), OFF(Low)
17	FL Lat	O	FL IC Latch output
18	FL CLK	O	FL IC clock output
19	FL data/FLASH1	O	FL data output or flash programming port
20	FLASH2	I	Flash programming port.
21	YSS912 CLK	O	Serial clock for IC CXD9511Q
22	YSS912 SI	O	Data Input to IC CXD9511Q
23	VCC	—	Vcc
24	YSS912SO	I	Data Input from IC CXD9511Q
25	YSS912CS	O	Chip select for IC CXD9511Q
26	BCTRL	I	Not Used
27	C	—	Not Used
28 to 33	GND	I	Not Used
34	AVCC	—	Avcc
35	AVRH	—	Reference High voltage for A/D port
36	AVRL	—	Reference Low voltage for A/D port
37	AVSS	—	Avss
38 to 40	A/D key I to III	I	A/D key I to III
41	Version	I	Model version information
42	VSS	—	Vss
43,44	GND	I	Not Used
45	Vol-A(up)	I	Volume encoder input A
46	Vol-B(down)	I	Volume encoder input B
47	Stop	I	Stop signal input port
48	GND	I	Not Used
49 to 51	MD0 to 2	I/O	MCU mode setting
52	HSTX	I/O	Hardware standby
53 to 55	GND	—	Not Used
56	PW KEY IN	I	Power key input port
57	SIRCS	I	SIRCS code input port
58	PROTECTOR	I	PROTECTOR input port
59 to 67	GND	—	Not Used
68	CODEC CLK	O	Serial clock for IC AK4527
69	CODEC CDT1	O	Serial data for IC AK4527
70	CODEC DFS	O	Port control for pin DFS
71	CODEC PD	O	Port control for POWER DOWN
72	CODEC MUTE	O	Port control for IC AK4527 muting

Pin No.	Terminal	I/O	Description
73	CODEC CS	O	Chip select for IC AK4527
74 to 76	GND	—	Not Used
77	RESET	I/O	Micom reset port
78	M61501 DATA	O	Serial Data for IC M61501
79	M61501 CLK	O	Serial Clock for IC M61501
80	M61501 CE	O	Chip enable for IC M61501
81	VSS	—	Vss
82	XO	O	Oscillation out
83	XI	I	Oscillation in
84	VCC	—	Vcc
85 to 87	GND	—	Not Used
88	System mute	O	Transistor muting control
89	DIR DO	I	Data in from IC LC89055W
90	DIR DI	O	Data out to IC LC89055W
91	DIR CE	O	Chip Enable for IC LC89055W
92	DIR CLK	O	Serial Clock for LC89055W
93	DIR XMODE	O	Port control for XMODE
94	DIR DATA0	I	LC89055W data check
95	DIR ERROR	I	Error port from LC89055W
96	DIR XSTATE	I	XSTATE condition check
97	GND	—	Not Used
98	ANG/DIG	O	Analog digital switch
99	YSS_CSB	O	IC CXD9511Q sub dsp chip select
100	YSS_IC	O	IC CXD9511Q IC port control

3-15. IC BLOCK DIAGRAMS

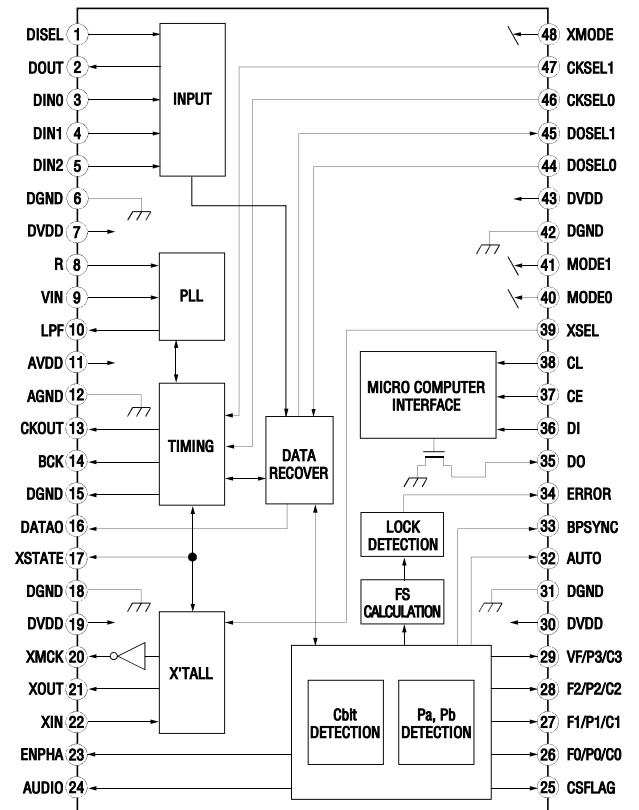
— DIGITAL BOARD —

IC1008 AK4527



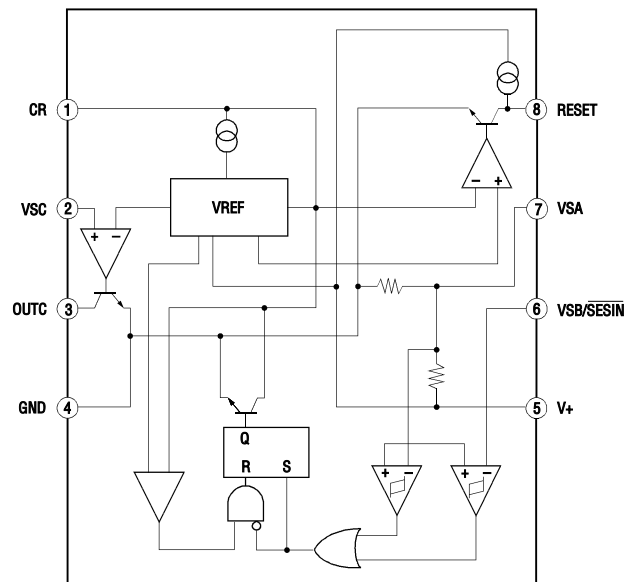
— DIGITAL BOARD —

IC1004 LC89055W-RA8



— STAND BY BOARD —

IC950 NJM2103M-TE2



SECTION 4 EXPLODED VIEWS

NOTE:

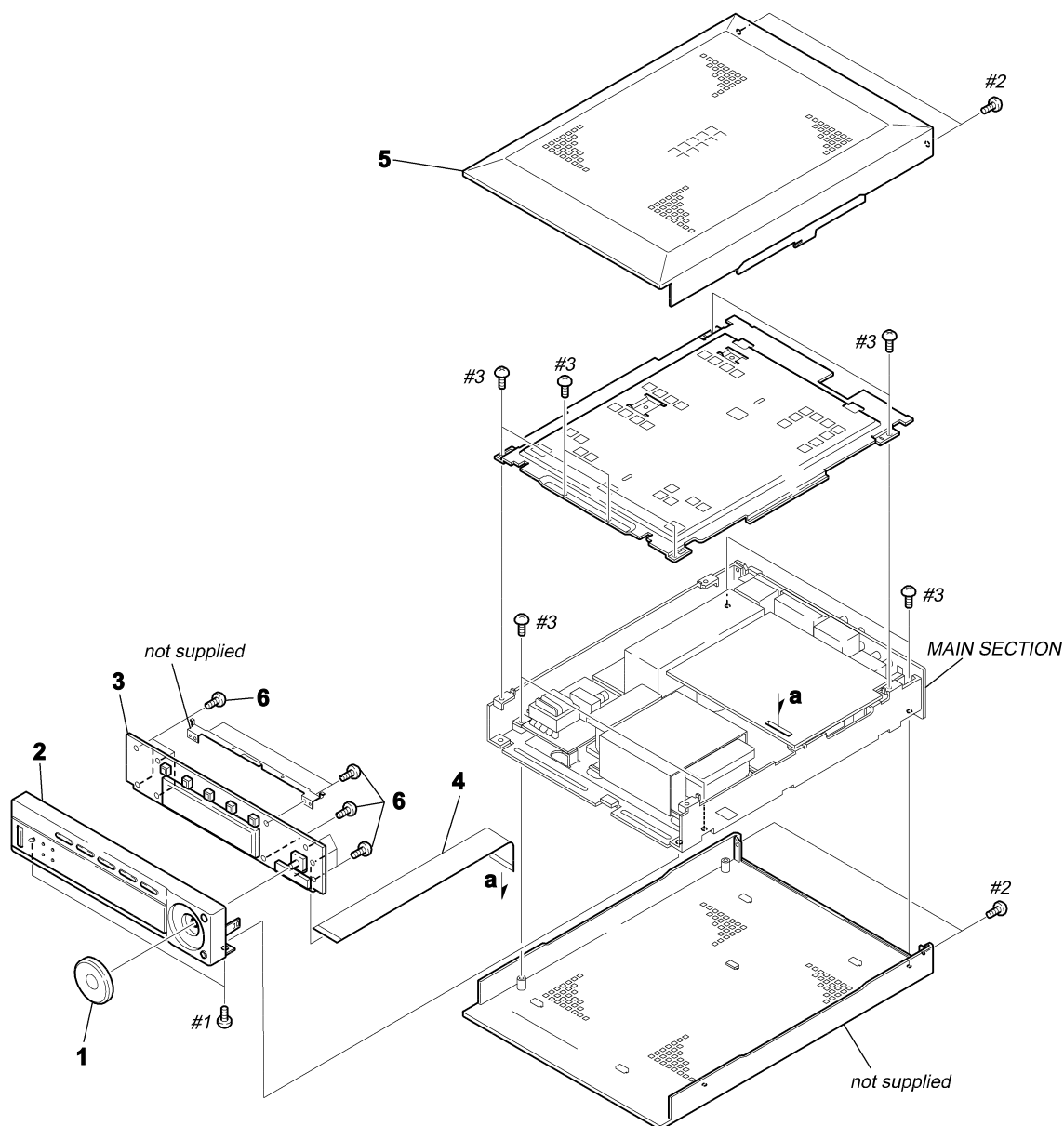
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories and packing materials are given in the last of this parts list.

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

以阴影和 Δ 标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

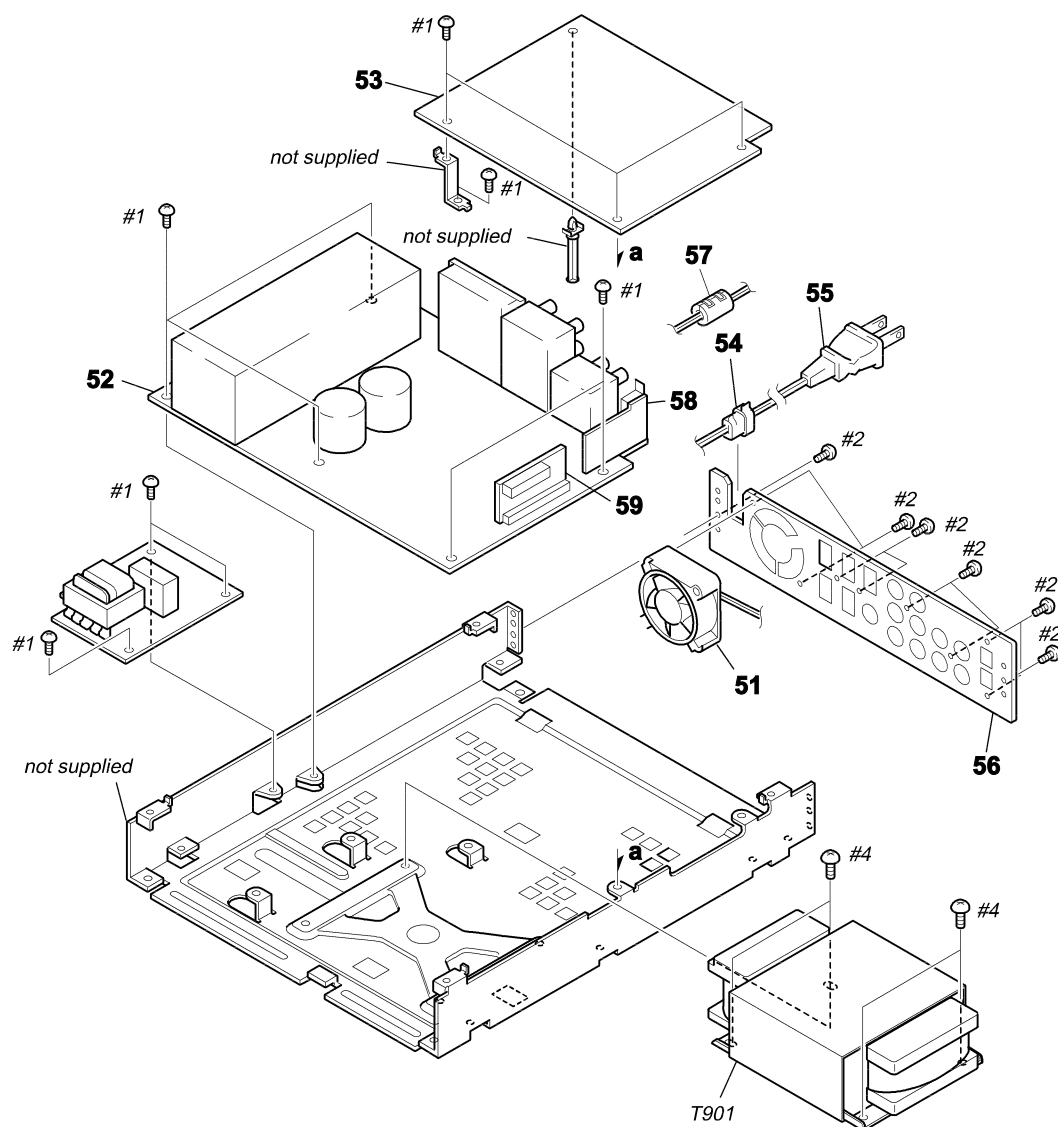
4-1. PANEL SECTION



Ref. No.	Part No.	Description
1	4-230-086-01	KNOB (VOL)
2	X-4953-151-1	FRONT PANEL ASSY
3	A-4475-053-A	DISPLAY BOARD, COMPLETE
4	1-773-185-11	WIRE (FLAT TYPE) (23 CORE)
5	4-230-082-01	TOP CASE

Ref. No.	Part No.	Description	Remark
6	4-951-620-01	SCREW(2.6X8), +BVTP	
#1	7-685-645-79	SCREW +BVTP 3X6 TYPE2 N-S	
#2	7-685-646-79	SCREW +BVTP 3X8 TYPE2 TT(B)	
#3	7-685-872-09	SCREW +BVTT 3X8 (S)	

4-2. MAIN SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	1-763-561-11	FAN, D.C.		58	1-679-014-11	OPTICAL BOARD	
52	A-4475-050-A	MAIN BOARD, COMPLETE		59	1-679-012-11	SIGNAL BRIDGE BOARD	
53	A-4475-055-A	DIGITAL BOARD, COMPLETE		60	1-679-011-11	STAND BY BOARD	
* 54	3-703-244-00	BUSHING (2104), CORD		△ T901	1-435-687-11	POWER TRANSFORMER	
△ 55	1-777-071-21	CORD, POWER		#1	7-685-645-79	SCREW +BVTP 3X6 TYPE2 N-S	
56	4-230-098-01	BACK PANEL		#2	7-685-646-79	SCREW +BVTP 3X8 TYPE2 TT(B)	
57	1-500-386-11	FILTER, CLAMP (FERRITE CORE)		#4	7-685-880-09	SCREW +BVTT 4X6 (S)	

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

以阴影和 △ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。

DIGITAL

SECTION 5 ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS:
uF: μ F
- RESISTORS
All resistors are in ohms.
METAL: metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable
- COILS
uH: μ H
- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA..., μ PA...,
uPB..., μ PB..., uPC..., μ PC...,
uPD..., μ PD...

When indicating parts by reference number, please include the board name.

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

以阴影和 Δ 标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
	A-4475-055-A	DIGITAL BOARD, COMPLETE *****		C1270	1-126-163-11	ELECT 4.7uF 20% 50V	
		< CAPACITOR >		C1271	1-128-131-11	ELECT 22uF 20.00% 50V	
C871	1-126-163-11	ELECT 4.7uF 20% 50V		C1272	1-128-131-11	ELECT 22uF 20.00% 50V	
C873	1-126-160-11	ELECT 1uF 20 50V		C1273	1-128-131-11	ELECT 22uF 20.00% 50V	
C1103	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1274	1-126-163-11	ELECT 4.7uF 20% 50V	
C1104	1-124-589-11	ELECT 47uF 20% 16V		C1275	1-126-163-11	ELECT 4.7uF 20% 50V	
C1105	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1276	1-126-163-11	ELECT 4.7uF 20% 50V	
C1106	1-162-974-11	CERAMIC CHIP 0.01uF 50V		C1277	1-126-163-11	ELECT 4.7uF 20% 50V	
C1107	1-124-589-11	ELECT 47uF 20% 16V		C1291	1-162-921-11	CERAMIC CHIP 33PF 5% 50V	
C1108	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1292	1-162-921-11	CERAMIC CHIP 33PF 5% 50V	
C1109	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1293	1-162-921-11	CERAMIC CHIP 33PF 5% 50V	
C1110	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1294	1-162-921-11	CERAMIC CHIP 33PF 5% 50V	
C1111	1-162-974-11	CERAMIC CHIP 0.01uF 50V		C1295	1-162-921-11	CERAMIC CHIP 33PF 5% 50V	
C1112	1-162-918-11	CERAMIC CHIP 18PF 5.00% 50V		C1296	1-162-921-11	CERAMIC CHIP 33PF 5% 50V	
C1113	1-162-918-11	CERAMIC CHIP 18PF 5.00% 50V		C1301	1-128-057-11	ELECT 330uF 20.00% 6.3V	
C1114	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1302	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1115	1-124-589-11	ELECT 47uF 20% 16V		C1303	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1116	1-162-927-11	CERAMIC CHIP 100PF 5% 50V		C1304	1-124-589-11	ELECT 47uF 20% 16V	
C1201	1-128-131-11	ELECT 22uF 20.00% 50V		C1305	1-164-315-11	CERAMIC CHIP 470PF 5.00% 50V	
C1202	1-162-965-11	CERAMIC CHIP 0.0015uF 10% 50V		C1306	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1203	1-136-157-00	FILM 0.022uF 5.00% 50V		C1307	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1210	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V		C1308	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1211	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V		C1309	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1212	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V		C1310	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1213	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V		C1311	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1214	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V		C1312	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1215	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V		C1313	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1221	1-128-131-11	ELECT 22uF 20.00% 50V		C1314	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1222	1-128-131-11	ELECT 22uF 20.00% 50V		C1315	1-126-935-11	ELECT 470uF 20.00% 6.3V	
C1223	1-128-131-11	ELECT 22uF 20.00% 50V		C1316	1-126-935-11	ELECT 470uF 20.00% 6.3V	
C1224	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1317	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1225	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1318	1-124-584-00	ELECT 100uF 20% 10V	
C1226	1-124-261-00	ELECT 10uF 20% 50V		C1325	1-162-974-11	CERAMIC CHIP 0.01uF 50V	
C1227	1-164-315-11	CERAMIC CHIP 470PF 5.00% 50V		C1329	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C1228	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1330	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C1229	1-124-589-11	ELECT 47uF 20% 16V		C1500	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1230	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1501	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1231	1-124-261-00	ELECT 10uF 20% 50V		C1502	1-104-905-11	CAPACITOR 0.22F 5.5V	
C1232	1-124-584-00	ELECT 100uF 20% 10V		C1503	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1251	1-128-131-11	ELECT 22uF 20.00% 50V		C1505	1-124-261-00	ELECT 10uF 20% 50V	
C1252	1-164-156-11	CERAMIC CHIP 0.1uF 25V		C1508	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C1253	1-124-261-00	ELECT 10uF 20% 50V		C1509	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1254	1-162-965-11	CERAMIC CHIP 0.0015uF 10% 50V		C1510	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
C1269	1-126-163-11	ELECT 4.7uF 20% 50V		C1511	1-124-589-11	ELECT 47uF 20% 16V	
				C1512	1-124-257-00	ELECT 2.2uF 20% 50V	

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C1513	1-136-169-00	FILM	0.22uF 5.00% 50V	IC1009	8-759-647-11	IC uPC2905HF	
C1514	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1010	8-759-647-10	IC uPC2933HF	
C1515	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1011	8-759-039-69	IC uPC7805AHF	
C1516	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1201	8-759-099-06	IC M5218AFP-TE1	
C1522	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1202	8-759-099-06	IC M5218AFP-TE1	
C1523	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1203	8-759-099-06	IC M5218AFP-TE1	
C1529	1-124-261-00	ELECT	10uF 20% 50V	IC1204	8-759-099-06	IC M5218AFP-TE1	
C1530	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1251	8-759-099-06	IC M5218AFP-TE1	
C1532	1-164-156-11	CERAMIC CHIP	0.1uF 25V	IC1502	8-759-683-65	IC MB90553ABPF-G-172-BND	
C1552	1-126-936-11	ELECT	3300uF 20.00% 16V				
< CONNECTOR >				< TRANSISTOR >			
CNP102	1-784-925-11	PIN, CONNECTOR 10P		Q100	8-729-113-69	TRANSISTOR FN1F4M-T1M32	
CNP808	1-770-385-11	CONNECTOR, BOARD TO BOARD 18P		Q101	8-729-027-43	TRANSISTOR RT1N141C-TP-1	
CNS101	1-691-652-11	SOCKET, CONNECTOR 23P		Q103	8-729-230-49	TRANSISTOR 2SC2712-YG-TE85L	
* CNS802	1-564-520-11	PLUG, CONNECTOR 5P		Q104	8-729-027-43	TRANSISTOR RT1N141C-TP-1	
CNS807	1-770-380-11	CONNECTOR, BOARD TO BOARD 8P		Q870	8-729-230-49	TRANSISTOR 2SC2712-YG-TE85L	
* CNS810	1-695-808-11	CONNECTOR, PC BOARD 8P		Q871	8-729-230-49	TRANSISTOR 2SC2712-YG-TE85L	
< DIODE >				< RESISTOR >			
D100	8-719-016-74	DIODE 1SS352-TPH3		R065	1-216-097-11	RES-CHIP 100K 5% 1/10W	
D101	8-719-016-74	DIODE 1SS352-TPH3		R099	1-216-295-11	SHORT 0	
D102	8-719-016-74	DIODE 1SS352-TPH3		R870	1-216-073-00	METAL CHIP 10K 5% 1/10W	
D103	8-719-016-74	DIODE 1SS352-TPH3		R871	1-216-097-11	RES-CHIP 100K 5% 1/10W	
D109	8-719-053-18	DIODE 1SR154-400TE-25		R872	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
D110	8-719-053-18	DIODE 1SR154-400TE-25		R873	1-216-073-00	METAL CHIP 10K 5% 1/10W	
D870	8-719-016-74	DIODE 1SS352-TPH3		R874	1-216-047-91	RES-CHIP 820 5% 1/10W	
D1101	8-719-016-74	DIODE 1SS352-TPH3		R875	1-216-065-91	RES-CHIP 4.7K 5% 1/10W	
D1201	8-719-049-09	DIODE 1SS367-T3SONY		R876	1-216-093-91	RES-CHIP 68K 5% 1/10W	
D1202	8-719-049-09	DIODE 1SS367-T3SONY		R877	1-216-105-91	RES-CHIP 220K 5% 1/10W	
D1501	8-719-070-30	DIODE PTZ-TE25-5.6A		R878	1-216-097-11	RES-CHIP 100K 5% 1/10W	
D1524	8-719-053-18	DIODE 1SR154-400TE-25		R1101	1-216-071-00	METAL CHIP 8.2K 5% 1/10W	
D1525	8-719-053-18	DIODE 1SR154-400TE-25		R1102	1-216-066-00	METAL CHIP 5.1K 5% 1/10W	
D1526	8-719-053-18	DIODE 1SR154-400TE-25		R1103	1-216-066-00	METAL CHIP 5.1K 5% 1/10W	
D1527	8-719-053-18	DIODE 1SR154-400TE-25		R1104	1-216-022-00	METAL CHIP 75 5% 1/10W	
< FERRITE BEAD >				R1110	1-216-049-11	RES-CHIP 1K 5% 1/10W	
FB100	1-414-813-11	FERRITE 0uH		R1111	1-216-049-11	RES-CHIP 1K 5% 1/10W	
FB1101	1-414-813-11	FERRITE 0uH		R1112	1-216-049-11	RES-CHIP 1K 5% 1/10W	
FB1102	1-469-152-11	FERRITE 0uH		R1113	1-216-073-00	METAL CHIP 10K 5% 1/10W	
FB1103	1-469-152-11	FERRITE 0uH		R1114	1-216-073-00	METAL CHIP 10K 5% 1/10W	
FB1201	1-414-813-11	FERRITE 0uH		R1115	1-216-043-91	RES-CHIP 560 5% 1/10W	
FB1301	1-414-813-11	FERRITE 0uH		R1116	1-216-121-11	RES-CHIP 1M 5% 1/10W	
FB1302	1-414-813-11	FERRITE 0uH		R1117	1-216-025-11	RES-CHIP 100 5% 1/10W	
FB1304	1-414-813-11	FERRITE 0uH		R1118	1-216-025-11	RES-CHIP 100 5% 1/10W	
FB1305	1-414-813-11	FERRITE 0uH		R1119	1-216-025-11	RES-CHIP 100 5% 1/10W	
FB1500	1-414-813-11	FERRITE 0uH		R1120	1-216-025-11	RES-CHIP 100 5% 1/10W	
FB1501	1-414-813-11	FERRITE 0uH		R1121	1-469-152-11	FERRITE 0UH	
FB1502	1-414-813-11	FERRITE 0uH		R1122	1-469-152-11	FERRITE 0UH	
FB1503	1-414-813-11	FERRITE 0uH		R1123	1-216-025-11	RES-CHIP 100 5% 1/10W	
FB1504	1-469-152-11	FERRITE 0uH		R1124	1-216-025-11	RES-CHIP 100 5% 1/10W	
FB1505	1-469-152-11	FERRITE 0uH		R1125	1-469-152-11	FERRITE 0UH	
< IC >				R1201	1-216-073-00	METAL CHIP 10K 5% 1/10W	
IC1004	8-759-639-35	IC LC89055W-RA8		R1202	1-216-059-00	METAL CHIP 2.7K 5% 1/10W	
IC1005	8-759-242-70	IC TC7WU04F(Te12R)		R1203	1-216-037-00	METAL CHIP 330 5% 1/10W	
IC1006	8-759-643-42	IC CXD9511AQ		R1204	1-216-073-00	METAL CHIP 10K 5% 1/10W	
IC1007	8-759-697-47	IC IDT71256SA20Y-TL		R1205	1-216-073-00	METAL CHIP 10K 5% 1/10W	
IC1008	8-759-657-47	IC AK4527		R1206	1-216-037-00	METAL CHIP 330 5% 1/10W	
				R1210	1-216-025-11	RES-CHIP 100 5% 1/10W	
				R1211	1-216-025-11	RES-CHIP 100 5% 1/10W	
				R1212	1-216-025-11	RES-CHIP 100 5% 1/10W	

DISPLAY

Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks
R1213	1-216-025-11	RES-CHIP	100	5%	1/10W	R1536	1-216-025-11	RES-CHIP	100	5%	1/10W
R1214	1-216-025-11	RES-CHIP	100	5%	1/10W	R1537	1-216-025-11	RES-CHIP	100	5%	1/10W
R1215	1-216-025-11	RES-CHIP	100	5%	1/10W	R1538	1-216-025-11	RES-CHIP	100	5%	1/10W
R1221	1-216-025-11	RES-CHIP	100	5%	1/10W	R1539	1-216-025-11	RES-CHIP	100	5%	1/10W
R1222	1-216-073-00	METAL CHIP	10K	5%	1/10W	R1540	1-216-025-11	RES-CHIP	100	5%	1/10W
R1223	1-216-097-11	RES-CHIP	100K	5%	1/10W	R1544	1-216-073-00	METAL CHIP	10K	5%	1/10W
R1251	1-216-073-00	METAL CHIP	10K	5%	1/10W	R1548	1-216-025-11	RES-CHIP	100	5%	1/10W
R1252	1-216-059-00	METAL CHIP	2.7K	5%	1/10W	R1549	1-216-025-11	RES-CHIP	100	5%	1/10W
R1253	1-216-037-00	METAL CHIP	330	5%	1/10W	R1550	1-216-025-11	RES-CHIP	100	5%	1/10W
R1254	1-216-073-00	METAL CHIP	10K	5%	1/10W	R1551	1-216-025-11	RES-CHIP	100	5%	1/10W
R1255	1-216-073-00	METAL CHIP	10K	5%	1/10W	R1552	1-216-025-11	RES-CHIP	100	5%	1/10W
R1256	1-216-037-00	METAL CHIP	330	5%	1/10W	R1553	1-216-025-11	RES-CHIP	100	5%	1/10W
R1257	1-216-065-91	RES-CHIP	4.7K	5%	1/10W	R1554	1-216-073-00	METAL CHIP	10K	5%	1/10W
R1258	1-216-065-91	RES-CHIP	4.7K	5%	1/10W	△R1580	1-243-635-11	FUSIBLE	0.33	5%	1/2W
R1275	1-216-073-00	METAL CHIP	10K	5%	1/10W	R1587	1-216-073-00	METAL CHIP	10K	5%	1/10W
R1276	1-216-073-00	METAL CHIP	10K	5%	1/10W	R1588	1-216-073-00	METAL CHIP	10K	5%	1/10W
R1277	1-216-073-00	METAL CHIP	10K	5%	1/10W			< VIBRATOR >			
R1278	1-216-073-00	METAL CHIP	10K	5%	1/10W						
R1279	1-216-073-00	METAL CHIP	10K	5%	1/10W						
R1280	1-216-073-00	METAL CHIP	10K	5%	1/10W	X101	1-781-356-21	VIBRATOR, CERAMIC 16MHz			
R1281	1-216-073-00	METAL CHIP	10K	5%	1/10W	X1101	1-781-465-21	VIBRATOR, CRYSTAL 12.288MHz			
R1282	1-216-073-00	METAL CHIP	10K	5%	1/10W	*****					
R1283	1-216-073-00	METAL CHIP	10K	5%	1/10W		A-4475-053-A	DISPLAY BOARD, COMPLETE			
R1284	1-216-073-00	METAL CHIP	10K	5%	1/10W			*****			
R1285	1-216-073-00	METAL CHIP	10K	5%	1/10W						
R1286	1-216-073-00	METAL CHIP	10K	5%	1/10W	*	4-230-090-01	FL HOLDER			
R1287	1-216-089-11	RES-CHIP	47K	5%	1/10W		4-921-941-01	CUSHION (FL)			
R1288	1-216-089-11	RES-CHIP	47K	5%	1/10W		7-685-872-09	SCREW +BVTT	3X8	(S)	
R1289	1-216-089-11	RES-CHIP	47K	5%	1/10W			< CAPACITOR >			
R1290	1-216-089-11	RES-CHIP	47K	5%	1/10W						
R1291	1-216-089-11	RES-CHIP	47K	5%	1/10W	C100	1-162-974-11	CERAMIC CHIP	0.01uF		50V
R1292	1-216-089-11	RES-CHIP	47K	5%	1/10W	C101	1-124-589-11	ELECT	47uF	20%	16V
R1301	1-216-073-00	METAL CHIP	10K	5%	1/10W	C102	1-162-974-11	CERAMIC CHIP	0.01uF		50V
R1302	1-216-025-11	RES-CHIP	100	5%	1/10W	C103	1-164-156-11	CERAMIC CHIP	0.1uF		25V
R1303	1-216-025-11	RES-CHIP	100	5%	1/10W	C104	1-124-261-00	ELECT	10uF	20%	50V
R1304	1-216-025-11	RES-CHIP	100	5%	1/10W	C105	1-164-156-11	CERAMIC CHIP	0.1uF		25V
R1305	1-216-073-00	METAL CHIP	10K	5%	1/10W	C106	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
R1311	1-216-073-00	METAL CHIP	10K	5%	1/10W	C107	1-164-156-11	CERAMIC CHIP	0.1uF		25V
R1312	1-216-025-11	RES-CHIP	100	5%	1/10W	C108	1-164-156-11	CERAMIC CHIP	0.1uF		25V
R1313	1-216-025-11	RES-CHIP	100	5%	1/10W	C109	1-164-156-11	CERAMIC CHIP	0.1uF		25V
R1314	1-216-025-11	RES-CHIP	100	5%	1/10W	C110	1-124-248-00	ELECT	22uF	20%	35V
R1315	1-216-025-11	RES-CHIP	100	5%	1/10W	C111	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1316	1-216-025-11	RES-CHIP	100	5%	1/10W	C113	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1317	1-216-025-11	RES-CHIP	100	5%	1/10W	C114	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1500	1-216-049-11	RES-CHIP	1K	5%	1/10W	C115	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1501	1-216-025-11	RES-CHIP	100	5%	1/10W	C116	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1502	1-216-025-11	RES-CHIP	100	5%	1/10W	C117	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1503	1-216-025-11	RES-CHIP	100	5%	1/10W	C118	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1504	1-216-073-00	METAL CHIP	10K	5%	1/10W	C119	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1505	1-216-073-00	METAL CHIP	10K	5%	1/10W	C120	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1517	1-216-089-11	RES-CHIP	47K	5%	1/10W	C121	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1518	1-216-073-00	METAL CHIP	10K	5%	1/10W	C122	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1519	1-216-065-91	RES-CHIP	4.7K	5%	1/10W	C123	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1520	1-216-073-00	METAL CHIP	10K	5%	1/10W	C124	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1521	1-216-117-00	METAL CHIP	680K	5%	1/10W	C125	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
R1524	1-216-081-00	METAL CHIP	22K	5%	1/10W						
R1525	1-216-025-11	RES-CHIP	100	5%	1/10W						
R1526	1-216-025-11	RES-CHIP	100	5%	1/10W						
R1527	1-216-073-00	METAL CHIP	10K	5%	1/10W						
R1535	1-216-025-11	RES-CHIP	100	5%	1/10W						

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

以阴影和 △ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description				Remarks	Ref. No.	Part No.	Description				Remarks
C126	1-162-927-11	CERAMIC CHIP	100PF	5%	50V				< SWITCH >				
C127	1-162-927-11	CERAMIC CHIP	100PF	5%	50V								
C128	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		S100	1-572-596-11	SWITCH, KEY BOARD (SOUND FIELD MODE)				
C129	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		S101	1-572-596-11	SWITCH, KEY BOARD (5.1CH/SAT)				
C130	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		S102	1-572-596-11	SWITCH, KEY BOARD (AUX)				
							S103	1-572-596-11	SWITCH, KEY BOARD (SET UP)				
C131	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		S104	1-572-596-11	SWITCH, KEY BOARD (VIDEO)				
C132	1-162-927-11	CERAMIC CHIP	100PF	5%	50V								
C133	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		S105	1-572-596-11	SWITCH, KEY BOARD (TV)				
C134	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		S106	1-572-596-11	SWITCH, KEY BOARD (DVD)				
C135	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		S107	1-572-596-11	SWITCH, KEY BOARD (+)				
							S108	1-572-596-11	SWITCH, KEY BOARD (-)				
C136	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		S109	1-572-596-11	SWITCH, KEY BOARD (LEVEL)				
C137	1-162-927-11	CERAMIC CHIP	100PF	5%	50V								
		< CONNECTOR >					S110	1-572-596-11	SWITCH, KEY BOARD (SURR)				
							S111	1-572-596-11	SWITCH, KEY BOARD (I/⏻)				

CNS100	1-691-652-11	SOCKET, CONNECTOR 23P						A-4475-050-A	MAIN BOARD, COMPLETE				
		< DIODE >							*****				
									< CAPACITOR >				
D100	8-719-046-37	DIODE SEL5820A-TH8F (5.1CH/SAT)											
D101	8-719-046-37	DIODE SEL5820A-TH8F (AUX)											
D102	8-719-046-37	DIODE SEL5820A-TH8F (DVD)					C212	1-126-157-11	ELECT	10uF	20%	16V	
D103	8-719-046-37	DIODE SEL5820A-TH8F (TV)					C371	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
D105	8-719-046-37	DIODE SEL5820A-TH8F (VIDEO)					C372	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
		< FILTER >					C373	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
							C374	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
FL201	1-517-994-11	TUBE, FLUORESCENT INDICATOR					C375	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
		< IC >					C376	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
							C401	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
IC100	8-759-459-86	IC NJL64H400A					C402	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
IC101	8-759-547-59	IC M35500BGP					C403	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
		< RESISTOR >					C405	1-126-157-11	ELECT	10uF	20%	16V	
							C408	1-126-157-11	ELECT	10uF	20%	16V	
R100	1-216-049-11	RES-CHIP	1K	5%	1/10W		C410	1-126-157-11	ELECT	10uF	20%	16V	
R101	1-216-049-11	RES-CHIP	1K	5%	1/10W		C411	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
R102	1-216-065-91	RES-CHIP	4.7K	5%	1/10W		C419	1-126-157-11	ELECT	10uF	20%	16V	
R103	1-216-057-00	METAL CHIP	2.2K	5%	1/10W		C420	1-126-157-11	ELECT	10uF	20%	16V	
R104	1-216-073-00	METAL CHIP	10K	5%	1/10W		C421	1-126-157-11	ELECT	10uF	20%	16V	
							C428	1-126-157-11	ELECT	10uF	20%	16V	
R105	1-216-065-91	RES-CHIP	4.7K	5%	1/10W		C429	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
R106	1-216-057-00	METAL CHIP	2.2K	5%	1/10W		C430	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
R107	1-216-073-00	METAL CHIP	10K	5%	1/10W								
R108	1-216-065-91	RES-CHIP	4.7K	5%	1/10W		C434	1-128-131-11	ELECT	22uF	20.00%	50V	
R109	1-216-057-00	METAL CHIP	2.2K	5%	1/10W		C455	1-126-157-11	ELECT	10uF	20%	16V	
							C457	1-126-157-11	ELECT	10uF	20%	16V	
R110	1-216-073-00	METAL CHIP	10K	5%	1/10W		C458	1-126-157-11	ELECT	10uF	20%	16V	
R111	1-216-073-00	METAL CHIP	10K	5%	1/10W		C460	1-126-157-11	ELECT	10uF	20%	16V	
R112	1-216-073-00	METAL CHIP	10K	5%	1/10W								
R113	1-216-081-00	METAL CHIP	22K	5%	1/10W		C461	1-126-157-11	ELECT	10uF	20%	16V	
R114	1-216-029-00	METAL CHIP	150	5%	1/10W		C465	1-126-157-11	ELECT	10uF	20%	16V	
							C468	1-126-157-11	ELECT	10uF	20%	16V	
R115	1-216-001-00	METAL CHIP	10	5%	1/10W		C469	1-126-157-11	ELECT	10uF	20%	16V	
R117	1-216-073-00	METAL CHIP	10K	5%	1/10W		C470	1-126-157-11	ELECT	10uF	20%	16V	
R119	1-216-073-00	METAL CHIP	10K	5%	1/10W								
R120	1-216-025-11	RES-CHIP	100	5%	1/10W		C471	1-126-157-11	ELECT	10uF	20%	16V	
R196	1-249-385-11	CARBON	2.2	5%	1/6W F		C484	1-128-131-11	ELECT	22uF	20.00%	50V	
R198	1-249-385-11	CARBON	2.2	5%	1/6W F		C497	1-162-921-11	CERAMIC CHIP	33PF	5%	50V	
		< VARIABLE RESISTOR >					C498	1-162-921-11	CERAMIC CHIP	33PF	5%	50V	
							C499	1-126-157-11	ELECT	10uF	20%	16V	
							C501	1-126-163-11	ELECT	4.7uF	20%	50V	
RV100	1-476-191-11	ENCODER, ROTARY (MASTER VOLUME)					C502	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
							C503	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
							C504	1-102-942-00	CERAMIC	5.0PF	±0.5PF	50V	
							C505	1-104-665-11	ELECT	100uF	20.00%	16V	

MAIN

Ref. No.	Part No.	Description	Remarks
C507	1-124-463-00	ELECT	0.1uF 20% 50V
C509	1-137-372-11	MYLAR	0.022uF 5.00% 50V
C519	1-124-463-00	ELECT	0.1uF 20% 50V
C601	1-126-163-11	ELECT	4.7uF 20% 50V
C602	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C603	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C604	1-102-942-00	CERAMIC	5.0PF ±0.5PF 50V
C605	1-104-665-11	ELECT	100uF 20.00% 16V
C607	1-124-463-00	ELECT	0.1uF 20% 50V
C609	1-137-372-11	MYLAR	0.022uF 5.00% 50V
C610	1-124-463-00	ELECT	0.1uF 20% 50V
C651	1-126-163-11	ELECT	4.7uF 20% 50V
C652	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C653	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C654	1-102-942-00	CERAMIC	5.0PF ±0.5PF 50V
C655	1-104-665-11	ELECT	100uF 20.00% 16V
C656	1-124-463-00	ELECT	0.1uF 20% 50V
C659	1-137-372-11	MYLAR	0.022uF 5.00% 50V
C660	1-124-463-00	ELECT	0.1uF 20% 50V
C701	1-126-163-11	ELECT	4.7uF 20% 50V
C702	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C703	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C704	1-102-942-00	CERAMIC	5.0PF ±0.5PF 50V
C705	1-104-665-11	ELECT	100uF 20.00% 16V
C706	1-124-463-00	ELECT	0.1uF 20% 50V
C708	1-124-463-00	ELECT	0.1uF 20% 50V
C709	1-137-372-11	MYLAR	0.022uF 5.00% 50V
C721	1-126-934-11	ELECT	220uF 20.00% 10V
C722	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C751	1-126-163-11	ELECT	4.7uF 20% 50V
C752	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C753	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
C754	1-102-942-00	CERAMIC	5.0PF ±0.5PF 50V
C755	1-104-665-11	ELECT	100uF 20.00% 16V
C756	1-124-463-00	ELECT	0.1uF 20% 50V
C758	1-124-463-00	ELECT	0.1uF 20% 50V
C759	1-137-372-11	MYLAR	0.022uF 5.00% 50V
C801	1-126-947-11	ELECT	47uF 20.00% 35V
C802	1-126-947-11	ELECT	47uF 20.00% 35V
C803	1-135-974-11	CAP, ELECT	4700uF 35V
C804	1-135-974-11	CAP, ELECT	4700uF 35V
C805	1-135-851-21	MYLAR	0.22uF 100V
C806	1-135-851-21	MYLAR	0.22uF 100V
C807	1-124-584-00	ELECT	100uF 20% 10V
C808	1-124-584-00	ELECT	100uF 20% 10V
C809	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C810	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C811	1-126-942-61	ELECT	1000uF 20.00% 25V
C812	1-126-941-11	ELECT	470uF 20.00% 25V
C813	1-130-495-00	MYLAR	0.1uF 5% 50V
C814	1-130-495-00	MYLAR	0.1uF 5% 50V
C815	1-128-552-51	ELECT	47uF 20.00% 63V
C816	1-126-967-11	ELECT	47uF 20.00% 50V
C817	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C827	1-126-947-11	ELECT	47uF 20.00% 35V
CC05	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
CC08	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
CC09	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
CC10	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
CC11	1-162-927-11	CERAMIC CHIP	100PF 5% 50V

Ref. No.	Part No.	Description	Remarks
CC12	1-162-974-11	CERAMIC CHIP	0.01uF 50V
CC14	1-162-974-11	CERAMIC CHIP	0.01uF 50V
CC16	1-162-974-11	CERAMIC CHIP	0.01uF 50V
CC18	1-162-974-11	CERAMIC CHIP	0.01uF 50V
CC20	1-162-974-11	CERAMIC CHIP	0.01uF 50V
CC21	1-164-230-11	CERAMIC CHIP	220PF 5.00% 50V
CC22	1-164-230-11	CERAMIC CHIP	220PF 5.00% 50V
CC23	1-164-230-11	CERAMIC CHIP	220PF 5.00% 50V
CC24	1-164-230-11	CERAMIC CHIP	220PF 5.00% 50V
CC25	1-164-230-11	CERAMIC CHIP	220PF 5.00% 50V
CC55	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
CC58	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
CC59	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
CC60	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
CC61	1-162-927-11	CERAMIC CHIP	100PF 5% 50V
< CONNECTOR >			
CNP800	1-691-767-11	PLUG (MICRO CONNECTOR) 5P	
CNP801	1-779-978-11	PIN, CONNECTOR 3P	
CNP806	1-750-180-11	PIN, CONNECTOR (PC BOARD) 5P	
CNP812	1-695-090-11	PIN, CONNECTOR (PC BOARD) 13P	
CNP820	1-750-180-11	PIN, CONNECTOR (PC BOARD) 5P	
< DIODE >			
D510	8-719-016-74	DIODE 1SS352-TPH3	
D560	8-719-016-74	DIODE 1SS352-TPH3	
D610	8-719-016-74	DIODE 1SS352-TPH3	
D710	8-719-016-74	DIODE 1SS352-TPH3	
D731	8-719-016-74	DIODE 1SS352-TPH3	
D732	8-719-016-74	DIODE 1SS352-TPH3	
D734	8-719-016-74	DIODE 1SS352-TPH3	
D735	8-719-016-74	DIODE 1SS352-TPH3	
D801	8-719-056-97	DIODE UDZ-TE-17-27B	
D802	8-719-302-38	DIODE RBV-602-01	
D810	8-719-053-18	DIODE 1SR154-400TE-25	
D811	8-719-053-18	DIODE 1SR154-400TE-25	
D820	8-719-053-18	DIODE 1SR154-400TE-25	
D821	8-719-053-18	DIODE 1SR154-400TE-25	
D822	8-719-053-18	DIODE 1SR154-400TE-25	
D823	8-719-053-18	DIODE 1SR154-400TE-25	
D833	8-719-210-21	DIODE 11EQS04-TA1B	
D896	8-719-210-21	DIODE 11EQS04-TA1B	
< IC >			
IC301	8-759-655-38	IC M61501FP	
IC401	8-759-099-06	IC M5218AFP-TE1	
IC501	8-759-502-33	IC SI-18752	
IC601	8-759-502-33	IC SI-18752	
IC651	8-759-502-33	IC SI-18752	
IC701	8-759-502-33	IC SI-18752	
IC751	8-759-502-33	IC SI-18752	
IC801	8-759-605-00	IC M5F78M07L	
IC802	8-759-604-95	IC M5F79M07L	
IC807	8-759-604-35	IC M5F78M05L	
< JACK >			
J401	1-794-713-11	PIN JACK 4P (TV/VIDEO)	
J501	1-794-710-11	PIN JACK 6P (5.1CH/SAT)	

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
< COIL >				R455	1-216-049-11	RES-CHIP	1K 5% 1/10W
L507	1-419-666-11	COIL, AIR-CORE		R458	1-216-049-11	RES-CHIP	1K 5% 1/10W
L607	1-419-666-11	COIL, AIR-CORE		R459	1-216-049-11	RES-CHIP	1K 5% 1/10W
L657	1-419-666-11	COIL, AIR-CORE		R460	1-216-049-11	RES-CHIP	1K 5% 1/10W
L707	1-419-666-11	COIL, AIR-CORE		R461	1-216-049-11	RES-CHIP	1K 5% 1/10W
L757	1-419-666-11	COIL, AIR-CORE		R463	1-216-089-11	RES-CHIP	47K 5% 1/10W
< TRANSISTOR >				R464	1-216-089-11	RES-CHIP	47K 5% 1/10W
Q361	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16	R465	1-216-089-11	RES-CHIP	47K 5% 1/10W
Q362	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16	R467	1-216-089-11	RES-CHIP	47K 5% 1/10W
Q363	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16	R468	1-216-089-11	RES-CHIP	47K 5% 1/10W
Q364	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16	R469	1-216-049-11	RES-CHIP	1K 5% 1/10W
Q365	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16	R470	1-216-089-11	RES-CHIP	47K 5% 1/10W
Q366	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16	R471	1-216-073-00	METAL CHIP	10K 5% 1/10W
Q379	8-729-113-69	TRANSISTOR	FN1F4M-T1M32	R472	1-216-073-00	METAL CHIP	10K 5% 1/10W
Q550	8-729-230-49	TRANSISTOR	2SC2712-YG-TE85L	R473	1-216-073-00	METAL CHIP	10K 5% 1/10W
Q560	8-729-230-49	TRANSISTOR	2SC2712-YG-TE85L	R474	1-216-073-00	METAL CHIP	10K 5% 1/10W
Q610	8-729-230-49	TRANSISTOR	2SC2712-YG-TE85L	R499	1-216-073-00	METAL CHIP	10K 5% 1/10W
Q722	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA	R501	1-216-025-11	RES-CHIP	100 5% 1/10W
Q723	8-729-230-49	TRANSISTOR	2SC2712-YG-TE85L	R502	1-216-081-00	METAL CHIP	22K 5% 1/10W
Q725	8-729-140-82	TRANSISTOR	2SA988TP-PAFAEA	R504	1-216-081-00	METAL CHIP	22K 5% 1/10W
Q730	8-729-230-49	TRANSISTOR	2SC2712-YG-TE85L	△R507	1-249-389-11	CARBON	4.7 5% 1/4W F
Q801	8-729-140-97	TRANSISTOR	2SB734-T-34	R508	1-216-089-11	RES-CHIP	47K 5% 1/10W
Q850	8-729-281-53	TRANSISTOR	2SC1815GR-TPE2	△R509	1-249-393-11	CARBON	10 5% 1/4W F
Q851	8-729-113-69	TRANSISTOR	FN1F4M-T1M32	R530	1-216-065-91	RES-CHIP	4.7K 5% 1/10W
Q852	8-729-119-76	TRANSISTOR	2SA1115TP-F	R531	1-216-065-91	RES-CHIP	4.7K 5% 1/10W
< RESISTOR >				R532	1-216-065-91	RES-CHIP	4.7K 5% 1/10W
R360	1-216-089-11	RES-CHIP	47K 5% 1/10W	R533	1-216-089-11	RES-CHIP	47K 5% 1/10W
R361	1-216-073-00	METAL CHIP	10K 5% 1/10W	R543	1-216-053-00	METAL CHIP	1.5K 5% 1/10W
R362	1-216-073-00	METAL CHIP	10K 5% 1/10W	R544	1-216-037-00	METAL CHIP	330 5% 1/10W
R363	1-216-089-11	RES-CHIP	47K 5% 1/10W	R601	1-216-025-11	RES-CHIP	100 5% 1/10W
R366	1-216-073-00	METAL CHIP	10K 5% 1/10W	R602	1-216-081-00	METAL CHIP	22K 5% 1/10W
R367	1-216-089-11	RES-CHIP	47K 5% 1/10W	R604	1-216-081-00	METAL CHIP	22K 5% 1/10W
R368	1-216-089-11	RES-CHIP	47K 5% 1/10W	△R607	1-249-389-11	CARBON	4.7 5% 1/4W F
R369	1-216-073-00	METAL CHIP	10K 5% 1/10W	R608	1-216-089-11	RES-CHIP	47K 5% 1/10W
R370	1-216-073-00	METAL CHIP	10K 5% 1/10W	△R609	1-249-393-11	CARBON	10 5% 1/4W F
R371	1-216-089-11	RES-CHIP	47K 5% 1/10W	R630	1-216-065-91	RES-CHIP	4.7K 5% 1/10W
R372	1-216-089-11	RES-CHIP	47K 5% 1/10W	R631	1-216-065-91	RES-CHIP	4.7K 5% 1/10W
R373	1-216-025-11	RES-CHIP	100 5% 1/10W	R643	1-216-053-00	METAL CHIP	1.5K 5% 1/10W
R374	1-216-025-11	RES-CHIP	100 5% 1/10W	R644	1-216-037-00	METAL CHIP	330 5% 1/10W
R375	1-216-025-11	RES-CHIP	100 5% 1/10W	R651	1-216-025-11	RES-CHIP	100 5% 1/10W
R376	1-216-025-11	RES-CHIP	100 5% 1/10W	R652	1-216-081-00	METAL CHIP	22K 5% 1/10W
R377	1-216-025-11	RES-CHIP	100 5% 1/10W	R654	1-216-081-00	METAL CHIP	22K 5% 1/10W
R378	1-216-025-11	RES-CHIP	100 5% 1/10W	△R657	1-249-389-11	CARBON	4.7 5% 1/4W F
R379	1-216-073-00	METAL CHIP	10K 5% 1/10W	R658	1-216-089-11	RES-CHIP	47K 5% 1/10W
R380	1-216-097-11	RES-CHIP	100K 5% 1/10W	△R659	1-249-393-11	CARBON	10 5% 1/4W F
R400	1-216-089-11	RES-CHIP	47K 5% 1/10W	R693	1-216-053-00	METAL CHIP	1.5K 5% 1/10W
R405	1-216-049-11	RES-CHIP	1K 5% 1/10W	R694	1-216-037-00	METAL CHIP	330 5% 1/10W
R408	1-216-049-11	RES-CHIP	1K 5% 1/10W	R701	1-216-025-11	RES-CHIP	100 5% 1/10W
R409	1-216-049-11	RES-CHIP	1K 5% 1/10W	R702	1-216-081-00	METAL CHIP	22K 5% 1/10W
R410	1-216-049-11	RES-CHIP	1K 5% 1/10W	R704	1-216-081-00	METAL CHIP	22K 5% 1/10W
R411	1-216-049-11	RES-CHIP	1K 5% 1/10W	△R707	1-249-389-11	CARBON	4.7 5% 1/4W F
R425	1-216-089-11	RES-CHIP	47K 5% 1/10W	R708	1-216-089-11	RES-CHIP	47K 5% 1/10W
R428	1-216-089-11	RES-CHIP	47K 5% 1/10W	△R709	1-249-393-11	CARBON	10 5% 1/4W F
R445	1-216-089-11	RES-CHIP	47K 5% 1/10W	R730	1-216-065-91	RES-CHIP	4.7K 5% 1/10W
R447	1-216-089-11	RES-CHIP	47K 5% 1/10W	R731	1-216-065-91	RES-CHIP	4.7K 5% 1/10W
R448	1-216-089-11	RES-CHIP	47K 5% 1/10W				

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

以阴影和 △ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

MAIN

OPTICAL

SIGNAL BRIDGE

STAND BY

Ref. No.	Part No.	Description			Remarks
R732	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R734	1-216-073-00	METAL CHIP	10K	5%	1/10W
R735	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R736	1-216-049-11	RES-CHIP	1K	5%	1/10W
R737	1-216-085-00	METAL CHIP	33K	5%	1/10W
R738	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
R743	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R744	1-216-037-00	METAL CHIP	330	5%	1/10W
R751	1-216-025-11	RES-CHIP	100	5%	1/10W
R752	1-216-081-00	METAL CHIP	22K	5%	1/10W
R754	1-216-081-00	METAL CHIP	22K	5%	1/10W
△R757	1-249-389-11	CARBON	4.7	5%	1/4W F
R758	1-216-089-11	RES-CHIP	47K	5%	1/10W
△R759	1-249-393-11	CARBON	10	5%	1/4W F
R793	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R794	1-216-037-00	METAL CHIP	330	5%	1/10W
△R801	1-249-381-11	CARBON	1	5%	1/4W F
△R803	1-249-406-11	CARBON	120	5%	1/4W F
R804	1-216-085-00	METAL CHIP	33K	5%	1/10W
R805	1-216-081-00	METAL CHIP	22K	5%	1/10W
△R810	1-240-877-11	FUSIBLE	0.15	5%	1/2W
△R811	1-240-877-11	FUSIBLE	0.15	5%	1/2W
△R850	1-249-402-11	CARBON	56	5%	1/4W F
R851	1-216-073-00	METAL CHIP	10K	5%	1/10W
R852	1-216-081-00	METAL CHIP	22K	5%	1/10W
R853	1-216-081-00	METAL CHIP	22K	5%	1/10W
△R854	1-249-425-11	CARBON	4.7K	5%	1/4W F
R855	1-216-081-00	METAL CHIP	22K	5%	1/10W
R856	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
R860	1-216-081-00	METAL CHIP	22K	5%	1/10W
R861	1-216-081-00	METAL CHIP	22K	5%	1/10W
R862	1-216-081-00	METAL CHIP	22K	5%	1/10W
R863	1-216-081-00	METAL CHIP	22K	5%	1/10W
R864	1-216-081-00	METAL CHIP	22K	5%	1/10W
△R880	1-249-409-11	CARBON	220	5%	1/4W F
△RR11	1-249-393-11	CARBON	10	5%	1/4W F
△RR12	1-249-393-11	CARBON	10	5%	1/4W F
△RR13	1-249-393-11	CARBON	10	5%	1/4W F
△RR14	1-249-393-11	CARBON	10	5%	1/4W F
△RR15	1-249-393-11	CARBON	10	5%	1/4W F
< RELAY >					
RY550	1-755-170-11	RELAY (12V)			
RY560	1-755-267-11	RELAY			
RY601	1-755-170-11	RELAY (12V)			
RY730	1-755-170-11	RELAY (12V)			
< TERMINAL >					
TM603	1-694-724-11	SPEAKER TERMINAL (SPEAKERS)			

1-679-014-11	OPTICAL BOARD				

< CAPACITOR >					
C1001	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1002	1-164-156-11	CERAMIC CHIP	0.1uF		25V

Ref. No.	Part No.	Description			Remarks
< CONNECTOR >					
CNP807	1-770-405-11	CONNECTOR, BOARD TO BOARD 8P			
CNS806	1-750-179-11	SOCKET, CONNECTOR 5P			
< FERRITE BEAD >					
FB1306	1-414-813-11	FERRITE	0UH		
< IC >					
IC1001	8-749-017-83	IC TORX179P (DVD)			
IC1002	8-749-017-83	IC TORX179P (AUX)			
< RESISTOR >					
R1001	1-216-025-11	RES-CHIP	100	5%	1/10W
R1002	1-216-025-11	RES-CHIP	100	5%	1/10W
R1003	1-216-025-11	RES-CHIP	100	5%	1/10W
R1004	1-216-025-11	RES-CHIP	100	5%	1/10W
R1005	1-216-025-11	RES-CHIP	100	5%	1/10W

1-679-012-11	SIGNAL BRIDGE BOARD				

< CONNECTOR >					
CNS808	1-770-410-11	CONNECTOR, BOARD TO BOARD 18P			
CNS809	1-750-179-11	SOCKET, CONNECTOR 5P			
CNS811	1-695-095-11	SOCKET, CONNECTOR 13P			

1-679-011-11	STAND BY BOARD				

1-533-293-11	FUSE HOLDER				
< CAPACITOR >					
C902	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C920	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C921	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C950	1-126-936-11	ELECT	3300uF	20.00%	16V
C951	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C952	1-126-160-11	ELECT	1uF	20%	50V
C953	1-124-464-11	ELECT	0.22uF	20%	50V
C954	1-124-261-00	ELECT	10uF	20%	50V
C955	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C957	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C958	1-164-156-11	CERAMIC CHIP	0.1uF		25V
< CONNECTOR >					
CNP803	1-784-921-11	PIN, CONNECTOR 4P			
CNP901	1-564-321-00	PIN, CONNECTOR 2P			
* CNP902	1-565-792-11	PIN, CONNECTOR 2P			

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

以阴影和 △ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
		< DIODE >				MISCELLANEOUS	

D901	8-719-016-74	DIODE 1SS352-TPH3		4	1-773-185-11	WIRE (FLAT TYPE) (23 CORE)	
D910	8-719-053-18	DIODE 1SR154-400TE-25		51	1-763-561-11	FAN, D.C.	
D911	8-719-053-18	DIODE 1SR154-400TE-25		△55	1-777-071-21	CORD, POWER	
D912	8-719-053-18	DIODE 1SR154-400TE-25		57	1-500-386-11	FILTER, CLAMP (FERRITE CORE)	
D913	8-719-053-18	DIODE 1SR154-400TE-25		△T901	1-435-687-11	POWER TRANSFORMER	

D914	8-719-016-74	DIODE 1SS352-TPH3				ACCESSORIES & PACKING MATERIALS	
D915	8-719-016-74	DIODE 1SS352-TPH3				*****	
		< EARTH >					
* EPT901	1-537-738-21	TERMINAL, EARTH			A-4412-472-A	STAND ASSY	
* ETP201	1-537-738-21	TERMINAL, EARTH		△	1-770-019-11	ADAPTOR, CONVERSION PLUG 3P (UK)	
* ETP202	1-537-738-21	TERMINAL, EARTH					
		< FUSE >					
△F901	1-532-463-51	FUSE TIME LAG 2A/250V					
		< IC >					
IC950	8-759-544-04	IC NJM2103M-TE2					
		< JUMPER RESISTOR >					
JR200	1-216-295-11	SHORT	0				
JR201	1-216-295-11	SHORT	0				
JR202	1-216-295-11	SHORT	0				
JR205	1-216-295-11	SHORT	0				
JR206	1-216-295-11	SHORT	0				
JR210	1-216-295-11	SHORT	0				
JR211	1-216-295-11	SHORT	0				
JR230	1-216-295-11	SHORT	0				
		< TRANSISTOR >					
Q901	8-729-230-49	TRANSISTOR	2SC2712-YG-TE85L				
Q951	8-729-045-21	TRANSISTOR	2SD1513TP-LK				
		< RESISTOR >					
R902	1-216-089-11	RES-CHIP	47K	5%	1/10W		
R903	1-216-065-91	RES-CHIP	4.7K	5%	1/10W		
R950	1-216-057-00	METAL CHIP	2.2K	5%	1/10W		
R951	1-216-065-91	RES-CHIP	4.7K	5%	1/10W		
R952	1-216-061-00	METAL CHIP	3.3K	5%	1/10W		
R953	1-216-081-00	METAL CHIP	22K	5%	1/10W		
R954	1-216-089-11	RES-CHIP	47K	5%	1/10W		
R955	1-216-073-00	METAL CHIP	10K	5%	1/10W		
R956	1-216-061-00	METAL CHIP	3.3K	5%	1/10W		
R957	1-216-049-11	RES-CHIP	1K	5%	1/10W		
R958	1-216-057-00	METAL CHIP	2.2K	5%	1/10W		
R960	1-216-065-91	RES-CHIP	4.7K	5%	1/10W		
		< RELAY >					
△RY901	1-755-298-11	RELAY					
		< TRANSFORMER >					
△T902	1-435-435-11	TRANSFORMER, POWER					

<p>The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.</p>	<p>以阴影和 △ 标志来识别的零部件，在安全方面具有关键性。因此只能以规定号码的零部件来更换。</p>
---	--